



## Safety Data Sheet

ASIN/Item No.: SSC 254/Slime Drinks Machine

Brand: SO SLIME DIY

Manufacture: Canal Toys

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Date: 2025-01-08

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nom du responsable / Name of responsible /<br>Nombre del responsable / Nome do responsável:                                                                                                                                                             | Pierre-Eric DELAUNE                                                                                                                                                                                                                           |
| Fonction/Position/Posición/<br>Posição/Position/Posizione                                                                                                                                                                                               | Quality Director Canal Toys                                                                                                                                                                                                                   |
| Signé pour et au nom de Canal Toys/<br>Signed for and on behalf of Canal Toys/<br>Firmado por y en nombre de Canal Toys/<br>Assinado por e em nome da Canal Toys/<br>Unterzeichnet für & im Namen von Canal Toys/<br>Firmato per e a nome di Canal Toys | <b>CANAL TOYS</b><br>3-5, rue Jules Guesde<br>92300 LEVALLOIS PERRET<br>Tél: 01 47 15 70 50 - Fax: 01 55 90 88 75<br>S.A.S. au capital de 211 408 €<br>Paris 404 154 080 – Siret 404 154 080 000 75<br>NID TVA FR 82 404 154 080 – APE 4649 Z |

Remark :main MSDS please see next page.

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Slime Powder

Version: V2.0.1.1  
Report No.: HGBZ2411XTG1  
Creation Date: 2024/12/02  
Revision Date: -

\*Prepared according to EU regulation No. 2020/878|GHS (10th Revised Edition)

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

|                           |                          |
|---------------------------|--------------------------|
| Product Name              | Slime Powder             |
| CAS No.                   | Not applicable           |
| EC No.                    | Not applicable           |
| Molecular Formula         | Not applicable           |
| REACH Registration Number | -                        |
| UFI                       | No information available |

1.2 Relevant identified uses of the substance or mixture and uses advised against

|                          |                              |
|--------------------------|------------------------------|
| Relevant identified uses | Please consult manufacturer. |
| Uses advised against     | Please consult manufacturer. |

1.3 Details of the supplier of the Safety Data Sheet

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Applicant Name      | Canal Toys Ltd                                                                                                                      |
| Applicant Address   | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Applicant Post Code | 523618                                                                                                                              |
| Applicant Telephone | +86-769-8770 0857                                                                                                                   |
| Applicant Fax       | +86-769-8770 3510                                                                                                                   |
| Applicant E-mail    | gary.li@canaltoysasia.com                                                                                                           |
| Supplier Name       | Canal Toys Ltd                                                                                                                      |
| Supplier Address    | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Supplier Post Code  | 523618                                                                                                                              |
| Supplier Telephone  | +86-769-8770 0857                                                                                                                   |
| Supplier Fax        | +86-769-8770 3510                                                                                                                   |
| Supplier E-mail     | gary.li@canaltoysasia.com                                                                                                           |

1.4 Emergency telephone number

|                            |                   |
|----------------------------|-------------------|
| Emergency telephone number | +86-769-8770 0857 |
| Opening hours              | 24h               |

2 Hazards identification

2.1 CLP classification according to Regulation (EC) No. 1272/2008|hazard classification according to GHS

According to Regulation (EC) No 1272/2008 and its amendments and GHS (10th Revised Edition) . Not classified as a dangerous substance.

**2.2 Label elements**

|                          |                |
|--------------------------|----------------|
| <b>Hazard pictograms</b> | Not applicable |
| <b>Signal word</b>       | Not applicable |

**Hazard statements**

|                          |                |
|--------------------------|----------------|
| <b>Hazard statements</b> | Not applicable |
|--------------------------|----------------|

**Precautionary statements**

## ◆ Prevention

|                   |                |
|-------------------|----------------|
| <b>Prevention</b> | Not applicable |
|-------------------|----------------|

## ◆ Response

|                 |                |
|-----------------|----------------|
| <b>Response</b> | Not applicable |
|-----------------|----------------|

## ◆ Storage

|                |                |
|----------------|----------------|
| <b>Storage</b> | Not applicable |
|----------------|----------------|

## ◆ Disposal

|                 |                |
|-----------------|----------------|
| <b>Disposal</b> | Not applicable |
|-----------------|----------------|

**2.3 Other hazards**

## ◆ Results of PBT and vPvB assessment

| <b>Component</b>                               | <b>Results of PBT and vPvB assessment [according to (EC) No 1907/2006]</b> |
|------------------------------------------------|----------------------------------------------------------------------------|
| <b>Agar Powder</b>                             | No information available                                                   |
| <b>Sodium Tripolyphosphate</b>                 | Not PBT/vPvB                                                               |
| <b>Boric acid</b>                              | Not applicable                                                             |
| <b>Sodium Dehydro Acetate</b>                  | Not PBT/vPvB                                                               |
| <b>FD&amp;C Yellow no. 5<br/>Aluminum Lake</b> | Not PBT/vPvB                                                               |
| <b>FD&amp;C Green No.3</b>                     | Not PBT/vPvB                                                               |
| <b>FD&amp;C Red No.3</b>                       | Not PBT/vPvB                                                               |
| <b>FD&amp;C Red No.40</b>                      | Not PBT/vPvB                                                               |
| <b>Titanium Dioxide</b>                        | Not applicable                                                             |
| <b>Carmine</b>                                 | No information available                                                   |
| <b>FD&amp;C Blue 1 Al lake</b>                 | Not PBT/vPvB                                                               |
| <b>FD&amp;C red no. 7 Calcium<br/>Lake</b>     | Not PBT/vPvB                                                               |
| <b>FD&amp;C Blue No.1</b>                      | Not PBT/vPvB                                                               |
| <b>Manganese Violet</b>                        | Not applicable                                                             |

## ◆ Results of endocrine disrupting properties assessment

| <b>Component</b>   | <b>Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]</b> |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Agar Powder</b> | No information available                                                                                          |

|                                                |                          |
|------------------------------------------------|--------------------------|
| <b>Sodium Tripolyphosphate</b>                 | No information available |
| <b>Boric acid</b>                              | No information available |
| <b>Sodium Dehydro Acetate</b>                  | No information available |
| <b>FD&amp;C Yellow no. 5<br/>Aluminum Lake</b> | No information available |
| <b>FD&amp;C Green No.3</b>                     | No information available |
| <b>FD&amp;C Red No.3</b>                       | No information available |
| <b>FD&amp;C Red No.40</b>                      | No information available |
| <b>Titanium Dioxide</b>                        | No information available |
| <b>Carmines</b>                                | No information available |
| <b>FD&amp;C Blue 1 Al lake</b>                 | No information available |
| <b>FD&amp;C red no. 7 Calcium<br/>Lake</b>     | No information available |
| <b>FD&amp;C Blue No.1</b>                      | No information available |
| <b>Manganese Violet</b>                        | No information available |

◆ Other

Not applicable.

### 3 Composition/information on ingredients

#### 3.1 Substance/mixture

Mixture

| Component                                                                                         | Weight %<br>content<br>(or range) | Classification according to Regulation<br>(EC) No. 1272/2008 [CLP]                                    | Specific Conc. Limits,<br>M-factors |
|---------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Agar Powder</b><br>CAS: 9002-18-0<br>EC: 232-658-1<br>Index No.: -                             | ≥ 93.88-≤<br>96.84                | Not Classified                                                                                        | -                                   |
| <b>Sodium<br/>Tripolyphosphate</b><br>CAS: 7758-29-4<br>EC: 231-838-7<br>Index No.: -             | ≥ 3-≤ 6                           | Not Classified                                                                                        | -                                   |
| <b>Boric acid</b><br>CAS: 10043-35-3<br>EC: 233-139-2<br>Index No.: 005-007-00-2                  | ≥ 0.04-≤<br>0.08                  | Reproductive Toxicity, Category 1B, H360                                                              | -                                   |
| <b>Sodium Dehydro Acetate</b><br>CAS: 4418-26-2<br>EC: 224-580-1<br>Index No.: 607-164-00-8       | 0.5                               | Acute Toxicity – Oral, Category 4, H302                                                               | -                                   |
| <b>FD&amp;C Yellow no. 5<br/>Aluminum Lake</b><br>CAS: 1934-21-0<br>EC: 217-699-5<br>Index No.: - | ≥ 0.01-≤<br>0.03                  | Not Classified                                                                                        | -                                   |
| <b>FD&amp;C Green No.3</b><br>CAS: 2353-45-9<br>EC: 219-091-5                                     | ≥ 0.01-≤<br>0.03                  | Specific target organ toxicity, single<br>exposure; Respiratory tract irritation,<br>Category 3, H335 | -                                   |

|                                                                                           |                       |                                                                                     |   |
|-------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|---|
| Index No.: -                                                                              |                       |                                                                                     |   |
| <b>FD&amp;C Red No.3</b><br>CAS: 16423-68-0<br>EC: 240-474-8<br>Index No.: -              | $\geq 0.01-\leq 0.03$ | Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412 | - |
| <b>FD&amp;C Red No.40</b><br>CAS: 25956-17-6<br>EC: 247-368-0<br>Index No.: -             | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |
| <b>Titanium Dioxide</b><br>CAS: 13463-67-7<br>EC: 236-675-5<br>Index No.: 022-006-00-2    | $\geq 0.01-\leq 0.03$ | Carcinogenicity, Category 2, H351                                                   | - |
| <b>Carmines</b><br>CAS: 1390-65-4<br>EC: 215-724-4<br>Index No.: -                        | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |
| <b>FD&amp;C Blue 1 Al lake</b><br>CAS: 68921-42-6<br>EC: 272-939-6<br>Index No.: -        | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |
| <b>FD&amp;C red no. 7 Calcium Lake</b><br>CAS: 5281-04-9<br>EC: 226-109-5<br>Index No.: - | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |
| <b>FD&amp;C Blue No.1</b><br>CAS: 3844-45-9<br>EC: 223-339-8<br>Index No.: -              | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |
| <b>Manganese Violet</b><br>CAS: 10101-66-3<br>EC: 233-257-4<br>Index No.: -               | $\geq 0.01-\leq 0.03$ | Not Classified                                                                      | - |

## 4 First-aid measures

### 4.1 Description of first aid measures

|                                   |                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>             | Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.                                        |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.                                   |
| <b>Skin contact</b>               | No harm in general situation. First aid is not needed.                                                                                         |
| <b>Ingestion</b>                  | Never give anything by mouth to an unconscious person. Call a physician immediately.                                                           |
| <b>Inhalation</b>                 | Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.                                        |
| <b>Protecting of first-aiders</b> | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

### 4.2 Most important symptoms/effects, acute and delayed

|   |                        |
|---|------------------------|
| 1 | Please see section 11. |
|---|------------------------|

### 4.3 Indication of any immediate medical attention and special treatment needed

|   |                          |
|---|--------------------------|
| 1 | Treat symptomatically.   |
| 2 | Symptoms may be delayed. |

## 5 Fire-fighting measures

### 5.1 Extinguishing media

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Use extinguishing media suitable for surrounding area.                 |
| <b>Unsuitable extinguishing media</b> | There is no restriction on the type of extinguisher which may be used. |

### 5.2 Specific hazards arising from the substance or mixture

|   |                                                                                   |
|---|-----------------------------------------------------------------------------------|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | Not considered a significant fire risk, however containers may burn.              |

### 5.3 Advice for firefighters

|   |                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover.                                                                 |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system.                         |

## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|   |                                                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------------|
| 1 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 2 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.                                   |
| 3 | Use personal protective equipment, do not breathe dust/fume.                                                        |

### 6.2 Environmental precautions

|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided.       |

### 6.3 Methods and materials for containment and cleaning up

|   |                                                                                                                                         |
|---|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cut off the source of the leak as much as possible.                                                                                     |
| 2 | Keep leaks in a ventilated place.                                                                                                       |
| 3 | Isolation of contaminated areas and restrictions on access.                                                                             |
| 4 | It is recommended that emergency personnel wear dust masks.                                                                             |
| 5 | Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak. |
| 6 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.                      |

### 6.4 Reference to other sections

|   |                                                                            |
|---|----------------------------------------------------------------------------|
| 1 | Personal Protective Equipment advice is contained in Section 8 of the SDS. |
| 2 | Disposal considerations advice is contained in Section 13 of the SDS.      |

## 7 Handling and storage

### 7.1 Precautions for safe handling

#### ◆ Protective measures

|   |                                                   |
|---|---------------------------------------------------|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Avoid contact with eyes.                          |

◆ Measures to prevent fire

- |   |                                                       |
|---|-------------------------------------------------------|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|-------------------------------------------------------|

◆ Measures to prevent aerosol and dust generation

- |   |                                                                         |
|---|-------------------------------------------------------------------------|
| 1 | Avoid formation of dust and aerosols.                                   |
| 2 | Provide appropriate exhaust ventilation at places where dust is formed. |

◆ Advice on general occupational hygiene

- |   |                                                    |
|---|----------------------------------------------------|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately.     |

## 7.2 Conditions for safe storage, including any incompatibilities

- |   |                                                                  |
|---|------------------------------------------------------------------|
| 1 | Keep containers tightly closed.                                  |
| 2 | Keep containers in a dry, cool and well-ventilated place.        |
| 3 | Keep away from heat/sparks/open flames/hot surfaces.             |
| 4 | Store away from incompatible materials and foodstuff containers. |

## 7.3 Specific end use(s)

- |   |                                                                                      |
|---|--------------------------------------------------------------------------------------|
| 1 | In addition to use mentioned in the Section 1.2, unforeseen other specific end uses. |
|---|--------------------------------------------------------------------------------------|

# 8 Exposure controls/personal protection

## 8.1 Control parameters

| Component               | Country/Region | Limit value - Eight hours |                       | Limit value - Short term |                       |
|-------------------------|----------------|---------------------------|-----------------------|--------------------------|-----------------------|
|                         |                | ppm                       | mg/m <sup>3</sup>     | ppm                      | mg/m <sup>3</sup>     |
| <b>Boric acid</b>       | Germany (AGS)  | -                         | 0.5                   | -                        | 1                     |
|                         | Germany (DFG)  | -                         | 10(inhalable aerosol) | -                        | 10(inhalable aerosol) |
|                         | Spain          | -                         | 2                     | -                        | 6                     |
|                         | Switzerland    | -                         | 1.8                   | -                        | 1.8                   |
|                         | Belgium        | -                         | 2                     | -                        | 6                     |
|                         | Ireland        | -                         | 2                     | -                        | -                     |
| <b>Titanium Dioxide</b> | Denmark        | -                         | 6(total dust)         | -                        | 12(total dust)        |
|                         | France         | -                         | 11(inhalable aerosol) | -                        | -                     |
|                         | Germany (DFG)  | -                         | 0.3                   | -                        | 2.4                   |
|                         | Norway         | -                         | 5                     | -                        | -                     |
|                         | Poland         | -                         | 10                    | -                        | -                     |
|                         | Romania        | -                         | 10                    | -                        | 15                    |

◆ Biological limit values

|                                |                         |
|--------------------------------|-------------------------|
| <b>Biological limit values</b> | No relevant regulations |
|--------------------------------|-------------------------|

◆ Monitoring methods

- |   |                                                                                                                                                   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air.                                                                     |

## ◆ Derived No effect level (DNEL)

| Component                       | Route of exposure | DNEL for Workers         |                          |                          |                            |
|---------------------------------|-------------------|--------------------------|--------------------------|--------------------------|----------------------------|
|                                 |                   | Acute effects (local)    | Acute effects (systemic) | Chronic effects (local)  | Chronic effects (systemic) |
| Agar Powder                     | Inhalation        | No information available | No information available | No information available | No information available   |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| Sodium Tripolyphosphate         | Inhalation        | No information available | No information available | No information available | 0.661 mg/m3                |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| Boric acid                      | Inhalation        | No information available | No information available | No information available | 8.3 mg/m3                  |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| Sodium Dehydro Acetate          | Inhalation        | No information available | No information available | No information available | 10.99 mg/m3                |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| FD&C Yellow no. 5 Aluminum Lake | Inhalation        | No information available | No information available | No information available | 372.52 mg/m3               |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| FD&C Green No.3                 | Inhalation        | No information available | No information available | No information available | 89.957 mg/m3               |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| FD&C Red No.3                   | Inhalation        | No information available | No information available | No information available | No information available   |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| FD&C Red No.40                  | Inhalation        | No information available | No information available | No information available | 16.4 mg/m3                 |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| Titanium Dioxide                | Inhalation        | No information available | No information available | 0.17 mg/m3               | No information available   |
|                                 | Oral              | No information available | No information available | No information available | No information available   |
|                                 | Dermal            | No information available | No information available | No information available | No information available   |
| Carmine                         | Inhalation        | No information           | No information           | No information           | No information             |

|                                        |            |                          |                          |                          |                          |
|----------------------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                        |            | available                | available                | available                | available                |
|                                        | Oral       | No information available | No information available | No information available | No information available |
|                                        | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD&amp;C Blue 1 Al lake</b>         | Inhalation | No information available | No information available | No information available | 49.3 mg/m3               |
|                                        | Oral       | No information available | No information available | No information available | No information available |
|                                        | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD&amp;C red no. 7 Calcium Lake</b> | Inhalation | No information available | No information available | No information available | 4.4 mg/m3                |
|                                        | Oral       | No information available | No information available | No information available | No information available |
|                                        | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD&amp;C Blue No.1</b>              | Inhalation | No information available | No information available | No information available | 106 mg/m3                |
|                                        | Oral       | No information available | No information available | No information available | No information available |
|                                        | Dermal     | No information available | No information available | No information available | No information available |
| <b>Manganese Violet</b>                | Inhalation | No information available | No information available | No information available | No information available |
|                                        | Oral       | No information available | No information available | No information available | No information available |
|                                        | Dermal     | No information available | No information available | No information available | No information available |

◆ Predicted No Effect Concentration (PNEC)

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| <b>Predicted No Effect Concentration (PNEC)</b> | No information available |
|-------------------------------------------------|--------------------------|

## 8.2 Exposure controls

### 8.2.1 Engineering controls

|   |                                                                                        |
|---|----------------------------------------------------------------------------------------|
| 1 | Ensure adequate ventilation, especially in confined areas.                             |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Handle in accordance with good industrial hygiene and safety practice.                 |
| 4 | Handle in accordance with good industrial hygiene and safety practice.                 |

### 8.2.2 Personal protection equipment

|                                 |                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General requirement</b>      | No special requirements, please see the description below.                                                                                                                                |
| <b>Eye protection</b>           | In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.                                       |
| <b>Hand protection</b>          | In general situation, hand protection is not needed.                                                                                                                                      |
| <b>Respiratory protection</b>   | In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask. |
| <b>Skin and body protection</b> | In general situation, skin and body protection are not needed.                                                                                                                            |

### 8.2.3 Environmental exposure controls

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>Environmental exposure controls</b> | No information available |
|----------------------------------------|--------------------------|

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                             |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| Physical state                              | Solid (powder)                                                               |
| Colour                                      | Colored                                                                      |
| Odor                                        | No information available                                                     |
| Odor threshold                              | No information available                                                     |
| pH                                          | No information available                                                     |
| Melting point/freezing point(°C)            | No information available                                                     |
| Initial boiling point and boiling range(°C) | No information available                                                     |
| Flash point(Closed cup, °C)                 | Not applicable                                                               |
| Evaporation rate                            | Not applicable                                                               |
| Flammability                                | Not flammable                                                                |
| Upper/lower explosive limits[% (v/v)]       | Upper limit: No information available; Lower limit: No information available |
| Vapor pressure                              | Not applicable                                                               |
| Vapor density(Air = 1)                      | Not applicable                                                               |
| Relative density(Water=1)                   | 2.52 (Agar Powder)                                                           |
| Solubility                                  | Partly miscible with water                                                   |
| n-octanol/water partition coefficient       | No information available                                                     |
| Auto-ignition temperature(°C)               | No information available                                                     |
| Decomposition temperature(°C)               | No information available                                                     |
| Kinematic viscosity(mm <sup>2</sup> /s)     | Not applicable                                                               |
| Explosive properties                        | Not explosive                                                                |
| Oxidizing properties                        | Not oxidizing                                                                |
| Particle characteristics                    | Powder                                                                       |

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Information with regard to physical hazard classes | No information available |
|----------------------------------------------------|--------------------------|

#### 9.2.2 Other safety characteristics

|                              |                          |
|------------------------------|--------------------------|
| Other safety characteristics | No information available |
|------------------------------|--------------------------|

## 10 Stability and reactivity

### Stability and reactivity

|                                         |                                                                                           |
|-----------------------------------------|-------------------------------------------------------------------------------------------|
| 10.1 Reactivity                         | Contact with incompatible substances can cause decomposition or other chemical reactions. |
| 10.2 Chemical stability                 | Stable under proper operation and storage conditions.                                     |
| 10.3 Possibility of hazardous reactions | No information available.                                                                 |
| 10.4 Conditions to avoid                | Incompatible materials, heat, flame and spark.                                            |
| 10.5 Incompatible materials             | No information available.                                                                 |
| 10.6 Hazardous decomposition            | Under normal conditions of storage and use, hazardous decomposition products              |

|          |                         |
|----------|-------------------------|
| products | should not be produced. |
|----------|-------------------------|

## 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| Slime Powder                         |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>     | Based on available data, the classification criteria are not met |
| <b>Serious eye damage/irritation</b> | Based on available data, the classification criteria are not met |
| <b>Skin sensitization</b>            | Based on available data, the classification criteria are not met |
| <b>Respiratory sensitization</b>     | Based on available data, the classification criteria are not met |
| <b>Reproductive toxicity</b>         | Based on available data, the classification criteria are not met |
| <b>STOT-single exposure</b>          | Based on available data, the classification criteria are not met |
| <b>STOT-repeated exposure</b>        | Based on available data, the classification criteria are not met |
| <b>Aspiration hazard</b>             | Based on available data, the classification criteria are not met |
| <b>Germ cell mutagenicity</b>        | Based on available data, the classification criteria are not met |

### Acute toxicity

| Component                                      | LD <sub>50</sub> (oral) | LD <sub>50</sub> (dermal) | LC <sub>50</sub> (inhalation,4h) |
|------------------------------------------------|-------------------------|---------------------------|----------------------------------|
| <b>FD&amp;C Red No.40</b>                      | > 10000mg/kg(Rat)       | > 10000mg/kg(Rabbit)      | No information available         |
| <b>Sodium Dehydro Acetate</b>                  | 500mg/kg(Rat)           | No information available  | No information available         |
| <b>Agar Powder</b>                             | 11000mg/kg(Rat)         | No information available  | No information available         |
| <b>FD&amp;C Green No.3</b>                     | > 2000mg/kg(Rat)        | No information available  | No information available         |
| <b>Sodium Tripolyphosphate</b>                 | 3120mg/kg(Rat)          | > 4640mg/kg(Rabbit)       | No information available         |
| <b>FD&amp;C Red No.3</b>                       | 1840mg/kg(Rat)          | No information available  | No information available         |
| <b>Boric acid</b>                              | 2660mg/kg(Rat)          | No information available  | No information available         |
| <b>FD&amp;C Yellow no. 5<br/>Aluminum Lake</b> | 12750mg/kg(Mouse)       | No information available  | No information available         |

### Carcinogenicity

| Component                                      | List of carcinogens by the IARC Monographs | Report on Carcinogens by NTP |
|------------------------------------------------|--------------------------------------------|------------------------------|
| <b>Agar Powder</b>                             | Not Listed                                 | Not Listed                   |
| <b>Sodium Tripolyphosphate</b>                 | Not Listed                                 | Not Listed                   |
| <b>Boric acid</b>                              | Not Listed                                 | Not Listed                   |
| <b>Sodium Dehydro Acetate</b>                  | Not Listed                                 | Not Listed                   |
| <b>FD&amp;C Yellow no. 5<br/>Aluminum Lake</b> | Not Listed                                 | Not Listed                   |
| <b>FD&amp;C Green No.3</b>                     | Category 3                                 | Not Listed                   |
| <b>FD&amp;C Red No.3</b>                       | Not Listed                                 | Not Listed                   |
| <b>FD&amp;C Red No.40</b>                      | Not Listed                                 | Not Listed                   |
| <b>Titanium Dioxide</b>                        | Category 2B                                | Not Listed                   |
| <b>Carmine</b>                                 | Not Listed                                 | Not Listed                   |
| <b>FD&amp;C Blue 1 Al lake</b>                 | Not Listed                                 | Not Listed                   |

|                                        |            |            |
|----------------------------------------|------------|------------|
| <b>FD&amp;C red no. 7 Calcium Lake</b> | Not Listed | Not Listed |
| <b>FD&amp;C Blue No.1</b>              | Category 3 | Not Listed |
| <b>Manganese Violet</b>                | Not Listed | Not Listed |

## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

| Component                                  | Endocrine disrupting properties |
|--------------------------------------------|---------------------------------|
| <b>Agar Powder</b>                         | No information available        |
| <b>Sodium Tripolyphosphate</b>             | No information available        |
| <b>Boric acid</b>                          | No information available        |
| <b>Sodium Dehydro Acetate</b>              | No information available        |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | No information available        |
| <b>FD&amp;C Green No.3</b>                 | No information available        |
| <b>FD&amp;C Red No.3</b>                   | No information available        |
| <b>FD&amp;C Red No.40</b>                  | No information available        |
| <b>Titanium Dioxide</b>                    | No information available        |
| <b>Carmines</b>                            | No information available        |
| <b>FD&amp;C Blue 1 Al lake</b>             | No information available        |
| <b>FD&amp;C red no. 7 Calcium Lake</b>     | No information available        |
| <b>FD&amp;C Blue No.1</b>                  | No information available        |
| <b>Manganese Violet</b>                    | No information available        |

### 11.2.2 Other Information

|                          |                  |
|--------------------------|------------------|
| <b>Other Information</b> | See Section 11.1 |
|--------------------------|------------------|

## 12 Ecological information

### 12.1 Toxicity

#### Acute aquatic toxicity

| Component                      | Fish                                                 | Crustaceans                                       | Algae                                                  |
|--------------------------------|------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------|
| <b>FD&amp;C Red No.40</b>      | LC <sub>50</sub> : > 100mg/L (96h)(Fresh water fish) | EC <sub>50</sub> : > 100mg/L (48h)(Daphnia magna) | ErC <sub>50</sub> : 149.94mg/L (96h)(Freshwater algae) |
| <b>Sodium Dehydro Acetate</b>  | LC <sub>50</sub> : 100mg/L (96h)(Fresh water fish)   | EC <sub>50</sub> : > 100mg/L (48h)(Daphnia magna) | ErC <sub>50</sub> : 32.1mg/L (72h)(Freshwater algae)   |
| <b>FD&amp;C Green No.3</b>     | LC <sub>50</sub> : 3000mg/L (96h)(Fresh water fish)  | No information available                          | ErC <sub>50</sub> : 62.9mg/L (72h)(Freshwater algae)   |
| <b>Sodium Tripolyphosphate</b> | LC <sub>50</sub> : 1850mg/L (96h)(Fresh water fish)  | EC <sub>50</sub> : 277mg/L (48h)(Daphnia magna)   | No information available                               |
| <b>FD&amp;C Red No.3</b>       | LC <sub>50</sub> : > 100mg/L (96h)(Fresh water fish) | EC <sub>50</sub> : 8.1mg/L (48h)(Daphnia magna)   | ErC <sub>50</sub> : > 200mg/L (72h)(Freshwater algae)  |
| <b>Boric acid</b>              | LC <sub>50</sub> : 487mg/L (96h)(Fish)               | EC <sub>50</sub> : 226mg/L                        | ErC <sub>50</sub> : 290mg/L                            |

|                                            |                                                      |                                                   |                                                     |
|--------------------------------------------|------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|
|                                            |                                                      | (48h)(Daphnia magna)                              | (72h)(Pseudokirchneriella subcapitata)              |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | LC <sub>50</sub> : > 120mg/L (96h)(Fresh water fish) | EC <sub>50</sub> : > 125mg/L (48h)(Daphnia magna) | No information available                            |
| <b>FD&amp;C red no. 7 Calcium Lake</b>     | LC <sub>50</sub> : 33mg/L (96h)(Fish)                | EC <sub>50</sub> : > 100mg/L (48h)(Daphnia magna) | ErC <sub>50</sub> : 190mg/L (72h)(Freshwater algae) |
| <b>Carmine</b>                             | No information available                             | EC <sub>50</sub> : > 6.3mg/L (48h)(Daphnia magna) | ErC <sub>50</sub> : 7.5mg/L (72h)(Freshwater algae) |

### Chronic aquatic toxicity

| Component         | Fish                     | Crustaceans              | Algae                                         |
|-------------------|--------------------------|--------------------------|-----------------------------------------------|
| <b>Boric acid</b> | No information available | No information available | NOEC: 82mg/L(Pseudokirchneriella subcapitata) |

### 12.2 Persistence and degradability

| Component                                  | Persistence (water/soil) | Persistence (air) |
|--------------------------------------------|--------------------------|-------------------|
| <b>Boric acid</b>                          | Low                      | Low               |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | High                     | High              |
| <b>FD&amp;C Green No.3</b>                 | High                     | High              |
| <b>FD&amp;C Red No.3</b>                   | High                     | High              |
| <b>Titanium Dioxide</b>                    | High                     | High              |
| <b>Carmine</b>                             | Low                      | Low               |

### 12.3 Bioaccumulative potential

| Component                                  | Bioaccumulative potential | Comments       |
|--------------------------------------------|---------------------------|----------------|
| <b>Boric acid</b>                          | Low                       | BCF=0          |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | Low                       | BCF=3          |
| <b>FD&amp;C Green No.3</b>                 | Low                       | Log Kow=1.5657 |
| <b>FD&amp;C Red No.3</b>                   | High                      | Log Kow=6.2002 |
| <b>Titanium Dioxide</b>                    | Low                       | BCF=10         |
| <b>Carmine</b>                             | Low                       | Log Kow=0.9721 |
| <b>FD&amp;C red no. 7 Calcium Lake</b>     | Low                       | BCF=7          |

### 12.4 Mobility in soil

| Component                                  | Mobility in soil | Soil Organic Carbon-Water Partitioning Coefficient (Koc) |
|--------------------------------------------|------------------|----------------------------------------------------------|
| <b>Boric acid</b>                          | Low              | 35.04                                                    |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | Low              | 79.38                                                    |
| <b>FD&amp;C Green No.3</b>                 | Low              | 10000000000                                              |
| <b>FD&amp;C Red No.3</b>                   | Low              | 18860                                                    |

|                         |     |       |
|-------------------------|-----|-------|
| <b>Titanium Dioxide</b> | Low | 23.74 |
| <b>Carmines</b>         | Low | 10    |

## 12.5 Results of PBT and vPvB assessment

| Component                                  | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|--------------------------------------------|---------------------------------------------------------------------|
| <b>Agar Powder</b>                         | No information available                                            |
| <b>Sodium Tripolyphosphate</b>             | Not PBT/vPvB                                                        |
| <b>Boric acid</b>                          | Not applicable                                                      |
| <b>Sodium Dehydro Acetate</b>              | Not PBT/vPvB                                                        |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | Not PBT/vPvB                                                        |
| <b>FD&amp;C Green No.3</b>                 | Not PBT/vPvB                                                        |
| <b>FD&amp;C Red No.3</b>                   | Not PBT/vPvB                                                        |
| <b>FD&amp;C Red No.40</b>                  | Not PBT/vPvB                                                        |
| <b>Titanium Dioxide</b>                    | Not applicable                                                      |
| <b>Carmines</b>                            | No information available                                            |
| <b>FD&amp;C Blue 1 Al lake</b>             | Not PBT/vPvB                                                        |
| <b>FD&amp;C red no. 7 Calcium Lake</b>     | Not PBT/vPvB                                                        |
| <b>FD&amp;C Blue No.1</b>                  | Not PBT/vPvB                                                        |
| <b>Manganese Violet</b>                    | Not applicable                                                      |

## 12.6 Endocrine disrupting properties

| Component                                  | Endocrine disrupting properties |
|--------------------------------------------|---------------------------------|
| <b>Agar Powder</b>                         | No information available        |
| <b>Sodium Tripolyphosphate</b>             | No information available        |
| <b>Boric acid</b>                          | No information available        |
| <b>Sodium Dehydro Acetate</b>              | No information available        |
| <b>FD&amp;C Yellow no. 5 Aluminum Lake</b> | No information available        |
| <b>FD&amp;C Green No.3</b>                 | No information available        |
| <b>FD&amp;C Red No.3</b>                   | No information available        |
| <b>FD&amp;C Red No.40</b>                  | No information available        |
| <b>Titanium Dioxide</b>                    | No information available        |
| <b>Carmines</b>                            | No information available        |
| <b>FD&amp;C Blue 1 Al lake</b>             | No information available        |
| <b>FD&amp;C red no. 7 Calcium Lake</b>     | No information available        |
| <b>FD&amp;C Blue No.1</b>                  | No information available        |
| <b>Manganese Violet</b>                    | No information available        |

**12.7 Other adverse effects**

No information available

**13 Disposal considerations****13.1 Waste treatment methods**

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste chemicals</b>          | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.                       |
| <b>Contaminated packaging</b>   | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |
| <b>Disposal recommendations</b> | Refer to section waste chemicals and contaminated packaging.                                                                                           |

**14 Transport information****Label**

Transporting Label Not applicable

**IMDG-CODE**

IMDG-CODE NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**ICAO/IATA-DGR**

IATA-DGR NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**UN-ADR**

UN-ADR NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**Maritime transport in bulk according to IMO instruments**

◆ Transport in bulk according to Annex II of MARPOL and the IBC code

No information available

◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

No information available

◆ Transport in bulk in accordance with the IGC Code

No information available

**15 Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****International chemical inventory**

| Component                       | EC inventory | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AIICS | ENCS |
|---------------------------------|--------------|------|-----|-------|-------|-------|------|-------|------|
| Agar Powder                     | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✗    |
| Sodium Tripolyphosphate         | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Boric acid                      | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Sodium Dehydro Acetate          | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| FD&C Yellow no. 5 Aluminum Lake | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |

|                                |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|
| FD&C Green No.3                | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ |
| FD&C Red No.3                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FD&C Red No.40                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Titanium Dioxide               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Carmines                       | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| FD&C Blue 1 Al lake            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ |
| FD&C red no. 7<br>Calcium Lake | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FD&C Blue No.1                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Manganese Violet               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

- [EC  
inven  
tory]
- European Inventory of Existing Commercial Chemical Substances
- [TSC  
A]
- United States Toxic Substances Control Act Inventory
- [DSL]
- Canadian Domestic Substances List
- [IECS  
C]
- China Inventory of Existing Chemical Substances
- [NZIo  
C]
- New Zealand Inventory of Chemicals
- [PIC  
CS]
- Philippines Inventory of Chemicals and Chemical Substances
- [KECI  
]
- Korea Existing Chemicals Inventory
- [AIIC  
S]
- Australian. Inventory of Industrial Chemical (AIICS)
- [ENC  
S]
- Japan Inventory of Existing & New Chemical Substances

European chemical inventory

| Component                          | A | B | C | D | E | F | G | H | I |
|------------------------------------|---|---|---|---|---|---|---|---|---|
| Agar Powder                        | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| Sodium<br>Triphosphosphate         | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| Boric acid                         | ✓ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| Sodium Dehydro<br>Acetate          | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Yellow no. 5<br>Aluminum Lake | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Green No.3                    | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Red No.3                      | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Red No.40                     | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| Titanium Dioxide                   | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| Carmines                           | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Blue 1 Al lake                | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C red no. 7<br>Calcium Lake     | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| FD&C Blue No.1                     | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

|                         |   |   |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|
| <b>Manganese Violet</b> | × | × | ✓ | ✓ | ✓ | × | × | × | × |
|-------------------------|---|---|---|---|---|---|---|---|---|

- [A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation  
 [B] Substances requiring authorisation under EU REACH regulation  
 [C] Substances restricted under EU REACH  
 [D] Pre-registered substances under EU REACH  
 [E] Registered substances under EU REACH  
 [F] Substance Evaluation – CoRAP under EU REACH  
 [G] List of priority substances under EU water policy (Directive 2455/2001/EC)  
 [H] Substances subject to POPs Regulation  
 [I] Substances proposed as POPs

Note:

“✓” Indicates that the substance included in the regulations.

“×” No data or not included in the regulations.

## 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16 Other information

### Information on revision

|                            |            |
|----------------------------|------------|
| <b>Creation Date</b>       | 2024/12/02 |
| <b>Revision Date</b>       | -          |
| <b>Reason for revision</b> | -          |

### Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

### Abbreviations and acronyms

|                  |                                      |           |                                                           |
|------------------|--------------------------------------|-----------|-----------------------------------------------------------|
| CAS              | Chemical Abstracts Service           | UN        | The United Nations                                        |
| PC-STEL          | Short term exposure limit            | OECD      | Organization for Economic Co-operation and Development    |
| PC-TWA           | Time Weighted Average                | IMDG-CODE | International Maritime Dangerous Goods CODE               |
| MAC              | Maximum Allowable Concentration      | IARC      | International Agency for Research on Cancer               |
| DNEL             | Derived No Effect Level              | ICAO      | International Civil Aviation Organization                 |
| PNEC             | Predicted No Effect Concentration    | IATA      | International Air Transportation Association              |
| NOEC             | No Observed Effect Concentration     | ACGIH     | American Conference of Governmental Industrial Hygienists |
| LC <sub>50</sub> | Lethal Concentration 50%             | NFPA      | National Fire Protection Association                      |
| LD <sub>50</sub> | Lethal Dose 50%                      | NTP       | National Toxicology Program                               |
| EC <sub>50</sub> | Effective Concentration 50%          | PBT       | Persistent, Bioaccumulative, Toxic                        |
| EC <sub>x</sub>  | Effective Concentration X%           | vPvB      | very Persistent, very Bioaccumulative                     |
| P <sub>OW</sub>  | Partition coefficient Octanol: Water | CMR       | Carcinogens, mutagens or substances toxic to reproduction |
| BCF              | Bioconcentration factor              | RPE       | Respiratory Protective Equipment                          |
| ED               | Endocrine disruptor                  |           |                                                           |

### Disclaimer

This Safety Data Sheet (SDS) was prepared according to regulation No. (EC) 1272/2008 & GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

SUPER CREAM SLIME/CREAMY/PREMADE SLIME

Version: V2.0.1.1  
Report No.: HGBZ24124R01  
Creation Date: 2024/12/25  
Revision Date: -

\*Prepared according to EU regulation No. 2020/878|GHS (10th Revised Edition)

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Name              | SUPER CREAM SLIME/CREAMY/PREMADE SLIME |
| CAS No.                   | Not applicable                         |
| EC No.                    | Not applicable                         |
| Molecular Formula         | Not applicable                         |
| REACH Registration Number | -                                      |
| UFI                       | No information available               |

1.2 Relevant identified uses of the substance or mixture and uses advised against

|                          |                              |
|--------------------------|------------------------------|
| Relevant identified uses | Please consult manufacturer. |
| Uses advised against     | Please consult manufacturer. |

1.3 Details of the supplier of the Safety Data Sheet

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Applicant Name      | Canal Toys Ltd                                                                                                                      |
| Applicant Address   | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Applicant Post Code | 523618                                                                                                                              |
| Applicant Telephone | +86-769-8770 0857                                                                                                                   |
| Applicant Fax       | +86-769-8770 3510                                                                                                                   |
| Applicant E-mail    | gary.li@canaltoysasia.com                                                                                                           |
| Supplier Name       | Canal Toys Ltd                                                                                                                      |
| Supplier Address    | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Supplier Post Code  | 523618                                                                                                                              |
| Supplier Telephone  | +86-769-8770 0857                                                                                                                   |
| Supplier Fax        | +86-769-8770 3510                                                                                                                   |
| Supplier E-mail     | gary.li@canaltoysasia.com                                                                                                           |

1.4 Emergency telephone number

|                            |                   |
|----------------------------|-------------------|
| Emergency telephone number | +86-769-8770 0857 |
| Opening hours              | 24h               |

2 Hazards identification

2.1 CLP classification according to Regulation (EC) No. 1272/2008|hazard classification according

**to GHS**

According to Regulation (EC) No 1272/2008 and its amendments and GHS (10th Revised Edition) . Not classified as a dangerous substance.

**2.2 Label elements**

|                          |                |
|--------------------------|----------------|
| <b>Hazard pictograms</b> | Not applicable |
| <b>Signal word</b>       | Not applicable |

**Hazard statements**

|                          |                |
|--------------------------|----------------|
| <b>Hazard statements</b> | Not applicable |
|--------------------------|----------------|

**Precautionary statements**

## ◆ Prevention

|                   |                |
|-------------------|----------------|
| <b>Prevention</b> | Not applicable |
|-------------------|----------------|

## ◆ Response

|                 |                |
|-----------------|----------------|
| <b>Response</b> | Not applicable |
|-----------------|----------------|

## ◆ Storage

|                |                |
|----------------|----------------|
| <b>Storage</b> | Not applicable |
|----------------|----------------|

## ◆ Disposal

|                 |                |
|-----------------|----------------|
| <b>Disposal</b> | Not applicable |
|-----------------|----------------|

**2.3 Other hazards**

## ◆ Results of PBT and vPvB assessment

| Component                       | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|---------------------------------|---------------------------------------------------------------------|
| <b>AQUA(Water)</b>              | No information available                                            |
| <b>Agar Powder</b>              | No information available                                            |
| <b>XANTHAN GUM</b>              | No information available                                            |
| <b>POLYVINYL ALCOHOL</b>        | No information available                                            |
| <b>Pentasodium Triphosphate</b> | Not PBT/vPvB                                                        |
| <b>GLYCERIN</b>                 | Not PBT/vPvB                                                        |
| <b>Sodium Dehydroacetate</b>    | Not PBT/vPvB                                                        |
| <b>BORAX</b>                    | No information available                                            |
| <b>FD &amp; C RED NO.3</b>      | Not PBT/vPvB                                                        |
| <b>Titanium Dioxide</b>         | Not applicable                                                      |
| <b>FD&amp;C Blue No.1</b>       | Not PBT/vPvB                                                        |
| <b>Manganese Violet</b>         | Not applicable                                                      |

## ◆ Results of endocrine disrupting properties assessment

| Component          | Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605] |
|--------------------|------------------------------------------------------------------------------------------------------------|
| <b>AQUA(Water)</b> | No information available                                                                                   |

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Agar Powder</b>              | No information available |
| <b>XANTHAN GUM</b>              | No information available |
| <b>POLYVINYL ALCOHOL</b>        | No information available |
| <b>Pentasodium Triphosphate</b> | No information available |
| <b>GLYCERIN</b>                 | No information available |
| <b>Sodium Dehydroacetate</b>    | No information available |
| <b>BORAX</b>                    | No information available |
| <b>FD &amp; C RED NO.3</b>      | No information available |
| <b>Titanium Dioxide</b>         | No information available |
| <b>FD&amp;C Blue No.1</b>       | No information available |
| <b>Manganese Violet</b>         | No information available |

◆ Other

Not applicable.

### 3 Composition/information on ingredients

#### 3.1 Substance/mixture

Mixture

| Component                                                                                  | Weight % content(or range) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific Conc. Limits, M-factors |
|--------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|----------------------------------|
| <b>AQUA(Water)</b><br>CAS: 7732-18-5<br>EC: 231-791-2<br>Index No.: -                      | 69.855-69.86               | Not Classified                                                  | -                                |
| <b>Agar Powder</b><br>CAS: 9002-18-0<br>EC: 232-658-1<br>Index No.: -                      | 12.5000                    | Not Classified                                                  | -                                |
| <b>XANTHAN GUM</b><br>CAS: 11138-66-2<br>EC: 234-394-2<br>Index No.: -                     | 9.1000                     | Not Classified                                                  | -                                |
| <b>POLYVINYL ALCOHOL</b><br>CAS: 9002-89-5<br>EC: 618-340-9<br>Index No.: -                | 4.1000                     | Not Classified                                                  | -                                |
| <b>Pentasodium Triphosphate</b><br>CAS: 7758-29-4<br>EC: 231-838-7<br>Index No.: -         | 2.6750                     | Not Classified                                                  | -                                |
| <b>GLYCERIN</b><br>CAS: 56-81-5<br>EC: 200-289-5<br>Index No.: -                           | 1.4500                     | Not Classified                                                  | -                                |
| <b>Sodium Dehydroacetate</b><br>CAS: 4418-26-2<br>EC: 224-580-1<br>Index No.: 607-164-00-8 | 0.2500                     | Acute Toxicity – Oral, Category 4, H302                         | -                                |

|                                                                                        |            |                                                                                     |   |
|----------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|---|
| <b>BORAX</b><br>CAS: 1303-96-4<br>EC: 603-411-9<br>Index No.: 005-011-00-4             | 0.0250     | Reproductive Toxicity, Category 1B, H360                                            | - |
| <b>FD &amp; C RED NO.3</b><br>CAS: 16423-68-0<br>EC: 240-474-8<br>Index No.: -         | 0.01- 0.04 | Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412 | - |
| <b>Titanium Dioxide</b><br>CAS: 13463-67-7<br>EC: 236-675-5<br>Index No.: 022-006-00-2 | 0.01- 0.04 | Carcinogenicity, Category 2, H351                                                   | - |
| <b>FD&amp;C Blue No.1</b><br>CAS: 3844-45-9<br>EC: 223-339-8<br>Index No.: -           | 0.01- 0.04 | Not Classified                                                                      | - |
| <b>Manganese Violet</b><br>CAS: 10101-66-3<br>EC: 233-257-4<br>Index No.: -            | 0.01- 0.04 | Not Classified                                                                      | - |

## 4 First-aid measures

### 4.1 Description of first aid measures

|                                   |                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>             | Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.                                        |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.                                   |
| <b>Skin contact</b>               | No harm in general situation. First aid is not needed.                                                                                         |
| <b>Ingestion</b>                  | Never give anything by mouth to an unconscious person. Call a physician immediately.                                                           |
| <b>Inhalation</b>                 | Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.                                        |
| <b>Protecting of first-aiders</b> | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

### 4.2 Most important symptoms/effects, acute and delayed

|   |                        |
|---|------------------------|
| 1 | Please see section 11. |
|---|------------------------|

### 4.3 Indication of any immediate medical attention and special treatment needed

|   |                          |
|---|--------------------------|
| 1 | Treat symptomatically.   |
| 2 | Symptoms may be delayed. |

## 5 Fire-fighting measures

### 5.1 Extinguishing media

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Use extinguishing media suitable for surrounding area.                 |
| <b>Unsuitable extinguishing media</b> | There is no restriction on the type of extinguisher which may be used. |

### 5.2 Specific hazards arising from the substance or mixture

|   |                                                                                   |
|---|-----------------------------------------------------------------------------------|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | Not considered a significant fire risk, however containers may burn.              |

### 5.3 Advice for firefighters

|   |                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover.                                                                 |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system.                         |

## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|   |                                                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------------|
| 1 | Use personal protective equipment, do not breathe gas/mist/vapour/spray.                                            |
| 2 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 3 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.                                   |

### 6.2 Environmental precautions

|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided.       |

### 6.3 Methods and materials for containment and cleaning up

|   |                                                                                                                             |
|---|-----------------------------------------------------------------------------------------------------------------------------|
| 1 | Cut off the source of the leak as much as possible.                                                                         |
| 2 | Keep leaks in a ventilated place.                                                                                           |
| 3 | Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.    |
| 4 | Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.                                        |
| 5 | Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container. |

### 6.4 Reference to other sections

|   |                                                                            |
|---|----------------------------------------------------------------------------|
| 1 | Personal Protective Equipment advice is contained in Section 8 of the SDS. |
| 2 | Disposal considerations advice is contained in Section 13 of the SDS.      |

## 7 Handling and storage

### 7.1 Precautions for safe handling

#### ◆ Protective measures

|   |                                                   |
|---|---------------------------------------------------|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment.               |
| 3 | Avoid contact with skin and eyes.                 |

#### ◆ Measures to prevent fire

|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|-------------------------------------------------------|

#### ◆ Measures to prevent aerosol and dust generation

|   |                 |
|---|-----------------|
| 1 | Not applicable. |
|---|-----------------|

#### ◆ Advice on general occupational hygiene

|   |                                                    |
|---|----------------------------------------------------|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately.     |

### 7.2 Conditions for safe storage, including any incompatibilities

|   |                                 |
|---|---------------------------------|
| 1 | Keep containers tightly closed. |
|---|---------------------------------|

|   |                                                                  |
|---|------------------------------------------------------------------|
| 2 | Keep containers in a dry, cool and well-ventilated place.        |
| 3 | Keep away from heat/sparks/open flames/hot surfaces.             |
| 4 | Store away from incompatible materials and foodstuff containers. |

### 7.3 Specific end use(s)

|   |                                                                                      |
|---|--------------------------------------------------------------------------------------|
| 1 | In addition to use mentioned in the Section 1.2, unforeseen other specific end uses. |
|---|--------------------------------------------------------------------------------------|

## 8 Exposure controls/personal protection

### 8.1 Control parameters

| Component        | Country/Region | Limit value - Eight hours |                         | Limit value - Short term |                         |
|------------------|----------------|---------------------------|-------------------------|--------------------------|-------------------------|
|                  |                | ppm                       | mg/m <sup>3</sup>       | ppm                      | mg/m <sup>3</sup>       |
| GLYCERIN         | Finland        | -                         | 20                      | -                        | -                       |
|                  | France         | -                         | 10                      | -                        | -                       |
|                  | Germany (AGS)  | -                         | 200                     | -                        | 400                     |
|                  | Germany (DFG)  | -                         | 200                     | -                        | 400                     |
|                  | Poland         | -                         | 10                      | -                        | -                       |
|                  | Spain          | -                         | 10                      | -                        | -                       |
| BORAX            | Denmark        | -                         | 2                       | -                        | 4                       |
|                  | France         | -                         | 5                       | -                        | -                       |
|                  | Germany (DFG)  | -                         | 0.75(inhalable aerosol) | -                        | 0.75(inhalable aerosol) |
|                  | Norway         | -                         | 5                       | -                        | -                       |
|                  | Poland         | -                         | 0.5                     | -                        | 2                       |
|                  | Spain          | -                         | 2                       | -                        | 6                       |
| Titanium Dioxide | Denmark        | -                         | 6(total dust)           | -                        | 12(total dust)          |
|                  | France         | -                         | 11(inhalable aerosol)   | -                        | -                       |
|                  | Germany (DFG)  | -                         | 0.3                     | -                        | 2.4                     |
|                  | Norway         | -                         | 5                       | -                        | -                       |
|                  | Poland         | -                         | 10                      | -                        | -                       |
|                  | Romania        | -                         | 10                      | -                        | 15                      |

#### ◆ Biological limit values

| Biological limit values | No relevant regulations |
|-------------------------|-------------------------|
|-------------------------|-------------------------|

#### ◆ Monitoring methods

|   |                                                                                                                                                   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air.                                                                     |

#### ◆ Derived No effect level (DNEL)

| Component                | Route of exposure | DNEL for Workers         |                          |                          |                            |
|--------------------------|-------------------|--------------------------|--------------------------|--------------------------|----------------------------|
|                          |                   | Acute effects (local)    | Acute effects (systemic) | Chronic effects (local)  | Chronic effects (systemic) |
| AQUA(Water)              | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| Agar Powder              | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| XANTHAN GUM              | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| POLYVINYL ALCOHOL        | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| Pentasodium Triphosphate | Inhalation        | No information available | No information available | No information available | 0.661 mg/m3                |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| GLYCERIN                 | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| Sodium Dehydroacetate    | Inhalation        | No information available | No information available | No information available | 10.99 mg/m3                |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| BORAX                    | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| FD & C RED NO.3          | Inhalation        | No information available | No information available | No information available | No information available   |
|                          | Oral              | No information available | No information available | No information available | No information available   |
|                          | Dermal            | No information available | No information available | No information available | No information available   |
| Titanium Dioxide         | Inhalation        | No information available | No information available | 0.17 mg/m3               | No information available   |

|                           |            |                          |                          |                          |                          |
|---------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                           | Oral       | No information available | No information available | No information available | No information available |
|                           | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD&amp;C Blue No.1</b> | Inhalation | No information available | No information available | No information available | 106 mg/m3                |
|                           | Oral       | No information available | No information available | No information available | No information available |
|                           | Dermal     | No information available | No information available | No information available | No information available |
| <b>Manganese Violet</b>   | Inhalation | No information available | No information available | No information available | No information available |
|                           | Oral       | No information available | No information available | No information available | No information available |
|                           | Dermal     | No information available | No information available | No information available | No information available |

◆ Predicted No Effect Concentration (PNEC)

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| <b>Predicted No Effect Concentration (PNEC)</b> | No information available |
|-------------------------------------------------|--------------------------|

## 8.2 Exposure controls

### 8.2.1 Engineering controls

|   |                                                                                        |
|---|----------------------------------------------------------------------------------------|
| 1 | Ensure adequate ventilation, especially in confined areas.                             |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Set up emergency exit and necessary risk-elimination area.                             |
| 4 | Handle in accordance with good industrial hygiene and safety practice.                 |

### 8.2.2 Personal protection equipment

|                                 |                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General requirement</b>      | No special requirements, please see the description below.                                                                                                                                |
| <b>Eye protection</b>           | In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.                                       |
| <b>Hand protection</b>          | In general situation, hand protection is not needed.                                                                                                                                      |
| <b>Respiratory protection</b>   | In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask. |
| <b>Skin and body protection</b> | In general situation, skin and body protection are not needed.                                                                                                                            |

### 8.2.3 Environmental exposure controls

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>Environmental exposure controls</b> | No information available |
|----------------------------------------|--------------------------|

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| <b>Physical state</b>                    | Liquid                                  |
| <b>Colour</b>                            | PINK / PURPLE(NEON PURPLE) / BLUE/white |
| <b>Odor</b>                              | No information available                |
| <b>Odor threshold</b>                    | No information available                |
| <b>pH</b>                                | No information available                |
| <b>Melting point/freezing point(°C)</b>  | No information available                |
| <b>Initial boiling point and boiling</b> | No information available                |

|                                       |                                                                              |
|---------------------------------------|------------------------------------------------------------------------------|
| range(°C)                             |                                                                              |
| Flash point(Closed cup, °C)           | No information available                                                     |
| Evaporation rate                      | No information available                                                     |
| Flammability                          | No information available                                                     |
| Upper/lower explosive limits[% (v/v)] | Upper limit: No information available; Lower limit: No information available |
| Vapor pressure                        | No information available                                                     |
| Vapor density(Air = 1)                | No information available                                                     |
| Relative density(Water=1)             | No information available                                                     |
| Solubility                            | No information available                                                     |
| n-octanol/water partition coefficient | No information available                                                     |
| Auto-ignition temperature(°C)         | No information available                                                     |
| Decomposition temperature(°C)         | No information available                                                     |
| Kinematic viscosity(mm²/s)            | No information available                                                     |
| Explosive properties                  | No information available                                                     |
| Oxidizing properties                  | No information available                                                     |
| Particle characteristics              | Not applicable                                                               |

## 9.2 Other information

### 9.2.1 Information with regard to physical hazard classes

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Information with regard to physical hazard classes | No information available |
|----------------------------------------------------|--------------------------|

### 9.2.2 Other safety characteristics

|                              |                          |
|------------------------------|--------------------------|
| Other safety characteristics | No information available |
|------------------------------|--------------------------|

## 10 Stability and reactivity

### Stability and reactivity

|                                         |                                                                                                      |
|-----------------------------------------|------------------------------------------------------------------------------------------------------|
| 10.1 Reactivity                         | Contact with incompatible substances can cause decomposition or other chemical reactions.            |
| 10.2 Chemical stability                 | Stable under proper operation and storage conditions.                                                |
| 10.3 Possibility of hazardous reactions | In contact with oxidants causes severe reactions, and may cause a fire or explosion.                 |
| 10.4 Conditions to avoid                | Incompatible materials, heat, flame and spark.                                                       |
| 10.5 Incompatible materials             | Oxidants, alkali metals, alkaline earth metals and aluminum.                                         |
| 10.6 Hazardous decomposition products   | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| SUPER CREAM SLIME/CREAMY/PREMADE SLIME |                                                                  |
|----------------------------------------|------------------------------------------------------------------|
| Skin corrosion/irritation              | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation          | Based on available data, the classification criteria are not met |
| Skin sensitization                     | Based on available data, the classification criteria are not met |
| Respiratory sensitization              | Based on available data, the classification criteria are not met |

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| <b>Reproductive toxicity</b>  | Based on available data, the classification criteria are not met |
| <b>STOT-single exposure</b>   | Based on available data, the classification criteria are not met |
| <b>STOT-repeated exposure</b> | Based on available data, the classification criteria are not met |
| <b>Aspiration hazard</b>      | Based on available data, the classification criteria are not met |
| <b>Germ cell mutagenicity</b> | Based on available data, the classification criteria are not met |

### | Acute toxicity

| Component                       | LD <sub>50</sub> (oral) | LD <sub>50</sub> (dermal) | LC <sub>50</sub> (inhalation,4h) |
|---------------------------------|-------------------------|---------------------------|----------------------------------|
| <b>GLYCERIN</b>                 | 12600mg/kg(Rat)         | > 10000mg/kg(Rabbit)      | No information available         |
| <b>FD &amp; C RED NO.3</b>      | 1840mg/kg(Rat)          | No information available  | No information available         |
| <b>BORAX</b>                    | 4500mg/kg(Rat)          | No information available  | No information available         |
| <b>Pentasodium Triphosphate</b> | 3120mg/kg(Rat)          | > 4640mg/kg(Rabbit)       | No information available         |
| <b>Agar Powder</b>              | 11000mg/kg(Rat)         | No information available  | No information available         |
| <b>POLYVINYL ALCOHOL</b>        | 23900mg/kg(Rat)         | No information available  | No information available         |
| <b>Sodium Dehydroacetate</b>    | 500mg/kg(Rat)           | No information available  | No information available         |

### | Carcinogenicity

| Component                       | List of carcinogens by the IARC Monographs | Report on Carcinogens by NTP |
|---------------------------------|--------------------------------------------|------------------------------|
| <b>AQUA(Water)</b>              | Not Listed                                 | Not Listed                   |
| <b>Agar Powder</b>              | Not Listed                                 | Not Listed                   |
| <b>XANTHAN GUM</b>              | Not Listed                                 | Not Listed                   |
| <b>POLYVINYL ALCOHOL</b>        | Category 3                                 | Not Listed                   |
| <b>Pentasodium Triphosphate</b> | Not Listed                                 | Not Listed                   |
| <b>GLYCERIN</b>                 | Not Listed                                 | Not Listed                   |
| <b>Sodium Dehydroacetate</b>    | Not Listed                                 | Not Listed                   |
| <b>BORAX</b>                    | Not Listed                                 | Not Listed                   |
| <b>FD &amp; C RED NO.3</b>      | Not Listed                                 | Not Listed                   |
| <b>Titanium Dioxide</b>         | Category 2B                                | Not Listed                   |
| <b>FD&amp;C Blue No.1</b>       | Category 3                                 | Not Listed                   |
| <b>Manganese Violet</b>         | Not Listed                                 | Not Listed                   |

## | 11.2 Information on other hazards

### | 11.2.1 Endocrine disrupting properties

| Component                | Endocrine disrupting properties |
|--------------------------|---------------------------------|
| <b>AQUA(Water)</b>       | No information available        |
| <b>Agar Powder</b>       | No information available        |
| <b>XANTHAN GUM</b>       | No information available        |
| <b>POLYVINYL ALCOHOL</b> | No information available        |

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Pentasodium Triphosphate</b> | No information available |
| <b>GLYCERIN</b>                 | No information available |
| <b>Sodium Dehydroacetate</b>    | No information available |
| <b>BORAX</b>                    | No information available |
| <b>FD &amp; C RED NO.3</b>      | No information available |
| <b>Titanium Dioxide</b>         | No information available |
| <b>FD&amp;C Blue No.1</b>       | No information available |
| <b>Manganese Violet</b>         | No information available |

### 11.2.2 Other Information

|                          |                  |
|--------------------------|------------------|
| <b>Other Information</b> | See Section 11.1 |
|--------------------------|------------------|

## 12 Ecological information

### 12.1 Toxicity

#### Acute aquatic toxicity

| Component                       | Fish                                                    | Crustaceans                                          | Algae                                                    |
|---------------------------------|---------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| <b>GLYCERIN</b>                 | LC <sub>50</sub> : 885mg/L<br>(96h)(Fresh water fish)   | No information available                             | No information available                                 |
| <b>FD &amp; C RED NO.3</b>      | LC <sub>50</sub> : > 100mg/L<br>(96h)(Fresh water fish) | EC <sub>50</sub> : 8.1mg/L<br>(48h)(Daphnia magna)   | ErC <sub>50</sub> : > 200mg/L<br>(72h)(Freshwater algae) |
| <b>BORAX</b>                    | No information available                                | No information available                             | ErC <sub>50</sub> : 15.4mg/L<br>(96h)(Freshwater algae)  |
| <b>Pentasodium Triphosphate</b> | LC <sub>50</sub> : 1850mg/L<br>(96h)(Fresh water fish)  | EC <sub>50</sub> : 277mg/L<br>(48h)(Daphnia magna)   | No information available                                 |
| <b>Sodium Dehydroacetate</b>    | LC <sub>50</sub> : 100mg/L<br>(96h)(Fresh water fish)   | EC <sub>50</sub> : > 100mg/L<br>(48h)(Daphnia magna) | ErC <sub>50</sub> : 32.1mg/L<br>(72h)(Freshwater algae)  |

#### Chronic aquatic toxicity

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Chronic aquatic toxicity</b> | No information available |
|---------------------------------|--------------------------|

### 12.2 Persistence and degradability

| Component                  | Persistence (water/soil) | Persistence (air) |
|----------------------------|--------------------------|-------------------|
| <b>FD &amp; C RED NO.3</b> | High                     | High              |
| <b>Titanium Dioxide</b>    | High                     | High              |

### 12.3 Bioaccumulative potential

| Component                  | Bioaccumulative potential | Comments       |
|----------------------------|---------------------------|----------------|
| <b>FD &amp; C RED NO.3</b> | High                      | Log Kow=6.2002 |
| <b>Titanium Dioxide</b>    | Low                       | BCF=10         |

### 12.4 Mobility in soil

| Component | Mobility in soil | Soil Organic Carbon-Water Partitioning Coefficient (Koc) |
|-----------|------------------|----------------------------------------------------------|
|-----------|------------------|----------------------------------------------------------|

|                            |     |       |
|----------------------------|-----|-------|
| <b>FD &amp; C RED NO.3</b> | Low | 18860 |
| <b>Titanium Dioxide</b>    | Low | 23.74 |

## 12.5 Results of PBT and vPvB assessment

| Component                       | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|---------------------------------|---------------------------------------------------------------------|
| <b>AQUA(Water)</b>              | No information available                                            |
| <b>Agar Powder</b>              | No information available                                            |
| <b>XANTHAN GUM</b>              | No information available                                            |
| <b>POLYVINYL ALCOHOL</b>        | No information available                                            |
| <b>Pentasodium Triphosphate</b> | Not PBT/vPvB                                                        |
| <b>GLYCERIN</b>                 | Not PBT/vPvB                                                        |
| <b>Sodium Dehydroacetate</b>    | Not PBT/vPvB                                                        |
| <b>BORAX</b>                    | No information available                                            |
| <b>FD &amp; C RED NO.3</b>      | Not PBT/vPvB                                                        |
| <b>Titanium Dioxide</b>         | Not applicable                                                      |
| <b>FD&amp;C Blue No.1</b>       | Not PBT/vPvB                                                        |
| <b>Manganese Violet</b>         | Not applicable                                                      |

## 12.6 Endocrine disrupting properties

| Component                       | Endocrine disrupting properties |
|---------------------------------|---------------------------------|
| <b>AQUA(Water)</b>              | No information available        |
| <b>Agar Powder</b>              | No information available        |
| <b>XANTHAN GUM</b>              | No information available        |
| <b>POLYVINYL ALCOHOL</b>        | No information available        |
| <b>Pentasodium Triphosphate</b> | No information available        |
| <b>GLYCERIN</b>                 | No information available        |
| <b>Sodium Dehydroacetate</b>    | No information available        |
| <b>BORAX</b>                    | No information available        |
| <b>FD &amp; C RED NO.3</b>      | No information available        |
| <b>Titanium Dioxide</b>         | No information available        |
| <b>FD&amp;C Blue No.1</b>       | No information available        |
| <b>Manganese Violet</b>         | No information available        |

## 12.7 Other adverse effects

|                          |
|--------------------------|
| No information available |
|--------------------------|

# 13 Disposal considerations

## 13.1 Waste treatment methods

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste chemicals</b>          | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.                       |
| <b>Contaminated packaging</b>   | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |
| <b>Disposal recommendations</b> | Refer to section waste chemicals and contaminated packaging.                                                                                           |

## 14 Transport information

### Label

|                           |                |
|---------------------------|----------------|
| <b>Transporting Label</b> | Not applicable |
|---------------------------|----------------|

### IMDG-CODE

|                  |                                                |
|------------------|------------------------------------------------|
| <b>IMDG-CODE</b> | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|------------------|------------------------------------------------|

### ICAO/IATA-DGR

|                 |                                                |
|-----------------|------------------------------------------------|
| <b>IATA-DGR</b> | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|-----------------|------------------------------------------------|

### UN-ADR

|               |                                                |
|---------------|------------------------------------------------|
| <b>UN-ADR</b> | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|---------------|------------------------------------------------|

### Maritime transport in bulk according to IMO instruments

- ◆ Transport in bulk according to Annex II of MARPOL and the IBC code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

- ◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

- ◆ Transport in bulk in accordance with the IGC Code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

## 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International chemical inventory

| Component                | EC inventory | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AIICS | ENCS |
|--------------------------|--------------|------|-----|-------|-------|-------|------|-------|------|
| AQUA(Water)              | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Agar Powder              | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✗    |
| XANTHAN GUM              | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| POLYVINYL ALCOHOL        | ✗            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Pentasodium Triphosphate | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| GLYCERIN                 | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Sodium Dehydroacetate    | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| BORAX                    | ✗            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✗    |
| FD & C RED NO.3          | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Titanium Dioxide         | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |

|                           |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|
| <b>FD&amp;C Blue No.1</b> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| <b>Manganese Violet</b>   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| [EC inven<br>tory] | European Inventory of Existing Commercial Chemical Substances |
| [TSCA]             | United States Toxic Substances Control Act Inventory          |
| [DSL]              | Canadian Domestic Substances List                             |
| [IECS<br>C]        | China Inventory of Existing Chemical Substances               |
| [NZIo<br>C]        | New Zealand Inventory of Chemicals                            |
| [PIC<br>CS]        | Philippines Inventory of Chemicals and Chemical Substances    |
| [KECI<br>]         | Korea Existing Chemicals Inventory                            |
| [AIIC<br>S]        | Australian. Inventory of Industrial Chemical (AIICS)          |
| [ENC<br>S]         | Japan Inventory of Existing & New Chemical Substances         |

### European chemical inventory

| Component                           | A | B | C | D | E | F | G | H | I |
|-------------------------------------|---|---|---|---|---|---|---|---|---|
| <b>AQUA(Water)</b>                  | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Agar Powder</b>                  | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>XANTHAN GUM</b>                  | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>POLYVINYL<br/>ALCOHOL</b>        | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Pentasodium<br/>Triphosphate</b> | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>GLYCERIN</b>                     | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Sodium<br/>Dehydroacetate</b>    | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>BORAX</b>                        | ✓ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>FD &amp; C RED NO.3</b>          | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Titanium Dioxide</b>             | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| <b>FD&amp;C Blue No.1</b>           | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Manganese Violet</b>             | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

|     |                                                                                               |
|-----|-----------------------------------------------------------------------------------------------|
| [A] | Candidate list of Substances of Very High Concern for authorization under EU REACH regulation |
| [B] | Substances requiring authorisation under EU REACH regulation                                  |
| [C] | Substances restricted under EU REACH                                                          |
| [D] | Pre-registered substances under EU REACH                                                      |
| [E] | Registered substances under EU REACH                                                          |
| [F] | Substance Evaluation – CoRAP under EU REACH                                                   |
| [G] | List of priority substances under EU water policy (Directive 2455/2001/EC)                    |
| [H] | Substances subject to POPs Regulation                                                         |
| [I] | Substances proposed as POPs                                                                   |

#### Note:

- “✓” Indicates that the substance included in the regulations.  
“✗” No data or not included in the regulations.

**15.2 Chemical safety assessment**

|  |                                                                                                |
|--|------------------------------------------------------------------------------------------------|
|  | No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier. |
|--|------------------------------------------------------------------------------------------------|

**16 Other information****Information on revision**

|                     |            |
|---------------------|------------|
| Creation Date       | 2024/12/25 |
| Revision Date       | -          |
| Reason for revision | -          |

**Reference**

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.chemportal.org/chemportal/>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

**Abbreviations and acronyms**

|                  |                                      |           |                                                           |
|------------------|--------------------------------------|-----------|-----------------------------------------------------------|
| CAS              | Chemical Abstracts Service           | UN        | The United Nations                                        |
| PC-STEL          | Short term exposure limit            | OECD      | Organization for Economic Co-operation and Development    |
| PC-TWA           | Time Weighted Average                | IMDG-CODE | International Maritime Dangerous Goods CODE               |
| MAC              | Maximum Allowable Concentration      | IARC      | International Agency for Research on Cancer               |
| DNEL             | Derived No Effect Level              | ICAO      | International Civil Aviation Organization                 |
| PNEC             | Predicted No Effect Concentration    | IATA      | International Air Transportation Association              |
| NOEC             | No Observed Effect Concentration     | ACGIH     | American Conference of Governmental Industrial Hygienists |
| LC <sub>50</sub> | Lethal Concentration 50%             | NFPA      | National Fire Protection Association                      |
| LD <sub>50</sub> | Lethal Dose 50%                      | NTP       | National Toxicology Program                               |
| EC <sub>50</sub> | Effective Concentration 50%          | PBT       | Persistent, Bioaccumulative, Toxic                        |
| EC <sub>x</sub>  | Effective Concentration X%           | vPvB      | very Persistent, very Bioaccumulative                     |
| P <sub>OW</sub>  | Partition coefficient Octanol: Water | CMR       | Carcinogens, mutagens or substances toxic to reproduction |
| BCF              | Bioconcentration factor              | RPE       | Respiratory Protective Equipment                          |
| ED               | Endocrine disruptor                  |           |                                                           |

**Disclaimer**

This Safety Data Sheet (SDS) was prepared according to regulation No. (EC) 1272/2008 & GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

# Bubble Slime

Version: V2.0.1.1

Report No.: HGBZ2501CAL1

Creation Date: 2025/01/08

Revision Date: -

**\*Prepared according to EU regulation No. 2020/878|GHS (10th Revised Edition)**

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

|                           |                          |
|---------------------------|--------------------------|
| Product Name              | Bubble Slime             |
| CAS No.                   | Not applicable           |
| EC No.                    | Not applicable           |
| Molecular Formula         | Not applicable           |
| REACH Registration Number | -                        |
| UFI                       | No information available |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

|                          |                              |
|--------------------------|------------------------------|
| Relevant identified uses | Please consult manufacturer. |
| Uses advised against     | Please consult manufacturer. |

### 1.3 Details of the supplier of the Safety Data Sheet

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Applicant Name      | Canal Toys Ltd                                                                                                                      |
| Applicant Address   | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Applicant Post Code | 523618                                                                                                                              |
| Applicant Telephone | +86-769-8770 0857                                                                                                                   |
| Applicant Fax       | +86-769-8770 3510                                                                                                                   |
| Applicant E-mail    | gary.li@canaltoysasia.com                                                                                                           |
| Supplier Name       | Canal Toys Ltd                                                                                                                      |
| Supplier Address    | Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. |
| Supplier Post Code  | 523618                                                                                                                              |
| Supplier Telephone  | +86-769-8770 0857                                                                                                                   |
| Supplier Fax        | +86-769-8770 3510                                                                                                                   |
| Supplier E-mail     | gary.li@canaltoysasia.com                                                                                                           |

### 1.4 Emergency telephone number

|                            |                   |
|----------------------------|-------------------|
| Emergency telephone number | +86-769-8770 0857 |
| Opening hours              | 24h               |

## 2 Hazards identification

### 2.1 CLP classification according to Regulation (EC) No. 1272/2008|hazard classification according to GHS

According to Regulation (EC) No 1272/2008 and its amendments and GHS (10th Revised Edition) . Not classified as a dangerous substance.

## 2.2 Label elements

|                          |                |
|--------------------------|----------------|
| <b>Hazard pictograms</b> | Not applicable |
| <b>Signal word</b>       | Not applicable |

## Hazard statements

|                          |                |
|--------------------------|----------------|
| <b>Hazard statements</b> | Not applicable |
|--------------------------|----------------|

## Precautionary statements

### ◆ Prevention

|                   |                |
|-------------------|----------------|
| <b>Prevention</b> | Not applicable |
|-------------------|----------------|

### ◆ Response

|                 |                |
|-----------------|----------------|
| <b>Response</b> | Not applicable |
|-----------------|----------------|

### ◆ Storage

|                |                |
|----------------|----------------|
| <b>Storage</b> | Not applicable |
|----------------|----------------|

### ◆ Disposal

|                 |                |
|-----------------|----------------|
| <b>Disposal</b> | Not applicable |
|-----------------|----------------|

## 2.3 Other hazards

### ◆ Results of PBT and vPvB assessment

| Component                             | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|---------------------------------------|---------------------------------------------------------------------|
| <b>Aqua(Water)</b>                    | No information available                                            |
| <b>Agar Powder</b>                    | No information available                                            |
| <b>Xanthan Gum</b>                    | No information available                                            |
| <b>Polyvinyl Alcohol</b>              | No information available                                            |
| <b>Sodium Tripolyphosphate</b>        | Not PBT/vPvB                                                        |
| <b>Sodium Carboxymethyl Cellulose</b> | No information available                                            |
| <b>Glycerin</b>                       | Not PBT/vPvB                                                        |
| <b>Sodium Dehydro Acetate</b>         | Not PBT/vPvB                                                        |
| <b>Borax</b>                          | No information available                                            |
| <b>Propyl P-Hydroxybenzoate</b>       | Not PBT/vPvB                                                        |
| <b>FD&amp;C Blue No.1</b>             | Not PBT/vPvB                                                        |
| <b>FD &amp; C Red No.3</b>            | Not PBT/vPvB                                                        |
| <b>FD &amp; C Green No.3</b>          | Not PBT/vPvB                                                        |
| <b>FD &amp; C Yellow No.5</b>         | Not PBT/vPvB                                                        |
| <b>Manganese Violet</b>               | Not applicable                                                      |
| <b>Titanium Dioxide</b>               | Not applicable                                                      |

### ◆ Results of endocrine disrupting properties assessment

| Component | Results of endocrine disrupting properties assessment [according to (EU) No |
|-----------|-----------------------------------------------------------------------------|
|-----------|-----------------------------------------------------------------------------|

|                                       | 2017/2100 or (EU) No 2018/605] |
|---------------------------------------|--------------------------------|
| <b>Aqua(Water)</b>                    | No information available       |
| <b>Agar Powder</b>                    | No information available       |
| <b>Xanthan Gum</b>                    | No information available       |
| <b>Polyvinyl Alcohol</b>              | No information available       |
| <b>Sodium Tripolyphosphate</b>        | No information available       |
| <b>Sodium Carboxymethyl Cellulose</b> | No information available       |
| <b>Glycerin</b>                       | No information available       |
| <b>Sodium Dehydro Acetate</b>         | No information available       |
| <b>Borax</b>                          | No information available       |
| <b>Propyl P-Hydroxybenzoate</b>       | No information available       |
| <b>FD&amp;C Blue No.1</b>             | No information available       |
| <b>FD &amp; C Red No.3</b>            | No information available       |
| <b>FD &amp; C Green No.3</b>          | No information available       |
| <b>FD &amp; C Yellow No.5</b>         | No information available       |
| <b>Manganese Violet</b>               | No information available       |
| <b>Titanium Dioxide</b>               | No information available       |

◆ Other

Not applicable.

### 3 Composition/information on ingredients

#### 3.1 Substance/mixture

Mixture

| Component                                                                   | Weight % content(or range) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific Conc. Limits, M-factors |
|-----------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|----------------------------------|
| <b>Aqua(Water)</b><br>CAS: 7732-18-5<br>EC: 231-791-2<br>Index No.: -       | 72- 72.36                  | Not Classified                                                  | -                                |
| <b>Agar Powder</b><br>CAS: 9002-18-0<br>EC: 232-658-1<br>Index No.: -       | 12.000                     | Not Classified                                                  | -                                |
| <b>Xanthan Gum</b><br>CAS: 11138-66-2<br>EC: 234-394-2<br>Index No.: -      | 7.200                      | Not Classified                                                  | -                                |
| <b>Polyvinyl Alcohol</b><br>CAS: 9002-89-5<br>EC: 618-340-9<br>Index No.: - | 5.000                      | Not Classified                                                  | -                                |
| <b>Sodium Tripolyphosphate</b>                                              | 2.675                      | Not Classified                                                  | -                                |

|                                                                                             |            |                                                                                                 |   |
|---------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|---|
| CAS: 7758-29-4<br>EC: 231-838-7<br>Index No.: -                                             |            |                                                                                                 |   |
| <b>Sodium Carboxymethyl Cellulose</b><br>CAS: 9004-32-4<br>EC: 618-378-6<br>Index No.: -    | 0- 1.5     | Not Classified                                                                                  | - |
| <b>Glycerin</b><br>CAS: 56-81-5<br>EC: 200-289-5<br>Index No.: -                            | 1- 1.45    | Not Classified                                                                                  | - |
| <b>Sodium Dehydro Acetate</b><br>CAS: 4418-26-2<br>EC: 224-580-1<br>Index No.: 607-164-00-8 | 0.025-0.05 | Acute Toxicity – Oral, Category 4, H302                                                         | - |
| <b>Borax</b><br>CAS: 1303-96-4<br>EC: 603-411-9<br>Index No.: 005-011-00-4                  | 0.025      | Reproductive Toxicity, Category 1B, H360                                                        | - |
| <b>Propyl P-Hydroxybenzoate</b><br>CAS: 94-13-3<br>EC: 202-307-7<br>Index No.: -            | 0- 0.01    | Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412             | - |
| <b>FD&amp;C Blue No.1</b><br>CAS: 3844-45-9<br>EC: 223-339-8<br>Index No.: -                | 0- 0.04    | Not Classified                                                                                  | - |
| <b>FD &amp; C Red No.3</b><br>CAS: 16423-68-0<br>EC: 240-474-8<br>Index No.: -              | 0- 0.04    | Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412             | - |
| <b>FD &amp; C Green No.3</b><br>CAS: 2353-45-9<br>EC: 219-091-5<br>Index No.: -             | 0- 0.04    | Specific target organ toxicity, single exposure; Respiratory tract irritation, Category 3, H335 | - |
| <b>FD &amp; C Yellow No.5</b><br>CAS: 1934-21-0<br>EC: 217-699-5<br>Index No.: -            | 0- 0.04    | Not Classified                                                                                  | - |
| <b>Manganese Violet</b><br>CAS: 10101-66-3<br>EC: 233-257-4<br>Index No.: -                 | 0- 0.03    | Not Classified                                                                                  | - |
| <b>Titanium Dioxide</b><br>CAS: 13463-67-7<br>EC: 236-675-5<br>Index No.: 022-006-00-2      | 0- 0.01    | Carcinogenicity, Category 2, H351                                                               | - |

## 4 First-aid measures

### 4.1 Description of first aid measures

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| <b>General advice</b> | Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.      |
| <b>Eye contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable. |
| <b>Skin contact</b>   | No harm in general situation. First aid is not needed.                                                       |
| <b>Ingestion</b>      | Never give anything by mouth to an unconscious person. Call a physician                                      |

|                                   |                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | immediately.                                                                                                                                   |
| <b>Inhalation</b>                 | Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.                                        |
| <b>Protecting of first-aiders</b> | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

#### 4.2 Most important symptoms/effects, acute and delayed

|   |                                                                                                                                        |
|---|----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. |
|---|----------------------------------------------------------------------------------------------------------------------------------------|

#### 4.3 Indication of any immediate medical attention and special treatment needed

|   |                          |
|---|--------------------------|
| 1 | Treat symptomatically.   |
| 2 | Symptoms may be delayed. |

### 5 Fire-fighting measures

#### 5.1 Extinguishing media

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Use extinguishing media suitable for surrounding area.                 |
| <b>Unsuitable extinguishing media</b> | There is no restriction on the type of extinguisher which may be used. |

#### 5.2 Specific hazards arising from the substance or mixture

|   |                                                                                   |
|---|-----------------------------------------------------------------------------------|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | Not considered a significant fire risk, however containers may burn.              |

#### 5.3 Advice for firefighters

|   |                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover.                                                                 |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system.                         |

### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

|   |                                                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------------|
| 1 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 2 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.                                   |
| 3 | Use personal protective equipment, do not breathe dust/fume.                                                        |

#### 6.2 Environmental precautions

|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided.       |

#### 6.3 Methods and materials for containment and cleaning up

|   |                                                                                                                                         |
|---|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cut off the source of the leak as much as possible.                                                                                     |
| 2 | Keep leaks in a ventilated place.                                                                                                       |
| 3 | Isolation of contaminated areas and restrictions on access.                                                                             |
| 4 | It is recommended that emergency personnel wear dust masks.                                                                             |
| 5 | Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak. |

- |   |                                                                                                                    |
|---|--------------------------------------------------------------------------------------------------------------------|
| 6 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |
|---|--------------------------------------------------------------------------------------------------------------------|

#### 6.4 Reference to other sections

- |   |                                                                            |
|---|----------------------------------------------------------------------------|
| 1 | Personal Protective Equipment advice is contained in Section 8 of the SDS. |
| 2 | Disposal considerations advice is contained in Section 13 of the SDS.      |

## 7 Handling and storage

### 7.1 Precautions for safe handling

#### ◆ Protective measures

- |   |                                                   |
|---|---------------------------------------------------|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment.               |
| 3 | Avoid contact with skin and eyes.                 |

#### ◆ Measures to prevent fire

- |   |                                                       |
|---|-------------------------------------------------------|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|-------------------------------------------------------|

#### ◆ Measures to prevent aerosol and dust generation

- |   |                                                                         |
|---|-------------------------------------------------------------------------|
| 1 | Avoid formation of dust and aerosols.                                   |
| 2 | Provide appropriate exhaust ventilation at places where dust is formed. |

#### ◆ Advice on general occupational hygiene

- |   |                                                    |
|---|----------------------------------------------------|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately.     |

### 7.2 Conditions for safe storage, including any incompatibilities

- |   |                                                                  |
|---|------------------------------------------------------------------|
| 1 | Keep containers tightly closed.                                  |
| 2 | Keep containers in a dry, cool and well-ventilated place.        |
| 3 | Keep away from heat/sparks/open flames/hot surfaces.             |
| 4 | Store away from incompatible materials and foodstuff containers. |

### 7.3 Specific end use(s)

- |   |                                                                                      |
|---|--------------------------------------------------------------------------------------|
| 1 | In addition to use mentioned in the Section 1.2, unforeseen other specific end uses. |
|---|--------------------------------------------------------------------------------------|

## 8 Exposure controls/personal protection

### 8.1 Control parameters

| Component | Country/Region | Limit value - Eight hours |                   | Limit value - Short term |                   |
|-----------|----------------|---------------------------|-------------------|--------------------------|-------------------|
|           |                | ppm                       | mg/m <sup>3</sup> | ppm                      | mg/m <sup>3</sup> |
| Glycerin  | Finland        | -                         | 20                | -                        | -                 |
|           | France         | -                         | 10                | -                        | -                 |
|           | Germany (AGS)  | -                         | 200               | -                        | 400               |
|           | Germany (DFG)  | -                         | 200               | -                        | 400               |
|           | Poland         | -                         | 10                | -                        | -                 |
|           | Spain          | -                         | 10                | -                        | -                 |
| Borax     | Denmark        | -                         | 2                 | -                        | 4                 |

|                         |               |   |                         |   |                         |
|-------------------------|---------------|---|-------------------------|---|-------------------------|
|                         | France        | - | 5                       | - | -                       |
|                         | Germany (DFG) | - | 0.75(inhalable aerosol) | - | 0.75(inhalable aerosol) |
|                         | Norway        | - | 5                       | - | -                       |
|                         | Poland        | - | 0.5                     | - | 2                       |
|                         | Spain         | - | 2                       | - | 6                       |
| <b>Titanium Dioxide</b> | Denmark       | - | 6(total dust)           | - | 12(total dust)          |
|                         | France        | - | 11(inhalable aerosol)   | - | -                       |
|                         | Germany (DFG) | - | 0.3                     | - | 2.4                     |
|                         | Norway        | - | 5                       | - | -                       |
|                         | Poland        | - | 10                      | - | -                       |
|                         | Romania       | - | 10                      | - | 15                      |

◆ Biological limit values

|                                |                         |
|--------------------------------|-------------------------|
| <b>Biological limit values</b> | No relevant regulations |
|--------------------------------|-------------------------|

◆ Monitoring methods

|   |                                                                                                                                                   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air.                                                                     |

◆ Derived No effect level (DNEL)

| Component                      | Route of exposure | DNEL for Workers         |                          |                          |                            |
|--------------------------------|-------------------|--------------------------|--------------------------|--------------------------|----------------------------|
|                                |                   | Acute effects (local)    | Acute effects (systemic) | Chronic effects (local)  | Chronic effects (systemic) |
| <b>Aqua(Water)</b>             | Inhalation        | No information available | No information available | No information available | No information available   |
|                                | Oral              | No information available | No information available | No information available | No information available   |
|                                | Dermal            | No information available | No information available | No information available | No information available   |
| <b>Agar Powder</b>             | Inhalation        | No information available | No information available | No information available | No information available   |
|                                | Oral              | No information available | No information available | No information available | No information available   |
|                                | Dermal            | No information available | No information available | No information available | No information available   |
| <b>Xanthan Gum</b>             | Inhalation        | No information available | No information available | No information available | No information available   |
|                                | Oral              | No information available | No information available | No information available | No information available   |
|                                | Dermal            | No information available | No information available | No information available | No information available   |
| <b>Polyvinyl Alcohol</b>       | Inhalation        | No information available | No information available | No information available | No information available   |
|                                | Oral              | No information available | No information available | No information available | No information available   |
|                                | Dermal            | No information available | No information available | No information available | No information available   |
| <b>Sodium Tripolyphosphate</b> | Inhalation        | No information available | No information available | No information available | 0.661 mg/m3                |
|                                | Oral              | No information available | No information available | No information available | No information available   |

|                                       |            |                          |                          |                          |                          |
|---------------------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Sodium Carboxymethyl Cellulose</b> | Inhalation | No information available | No information available | No information available | No information available |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Glycerin</b>                       | Inhalation | No information available | No information available | No information available | No information available |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Sodium Dehydro Acetate</b>         | Inhalation | No information available | No information available | No information available | 10.99 mg/m3              |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Borax</b>                          | Inhalation | No information available | No information available | No information available | No information available |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Propyl P-Hydroxybenzoate</b>       | Inhalation | No information available | No information available | No information available | 88.2 mg/m3               |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD&amp;C Blue No.1</b>             | Inhalation | No information available | No information available | No information available | 106 mg/m3                |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD &amp; C Red No.3</b>            | Inhalation | No information available | No information available | No information available | No information available |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD &amp; C Green No.3</b>          | Inhalation | No information available | No information available | No information available | 89.957 mg/m3             |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>FD &amp; C Yellow No.5</b>         | Inhalation | No information available | No information available | No information available | 372.52 mg/m3             |
|                                       | Oral       | No information available | No information available | No information available | No information available |
|                                       | Dermal     | No information available | No information available | No information available | No information available |
| <b>Manganese Violet</b>               | Inhalation | No information available | No information available | No information available | No information available |
|                                       | Oral       | No information available | No information available | No information available | No information available |

|                         |            |                          |                          |                          |                          |
|-------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                         | Dermal     | No information available | No information available | No information available | No information available |
| <b>Titanium Dioxide</b> | Inhalation | No information available | No information available | 0.17 mg/m3               | No information available |
|                         | Oral       | No information available | No information available | No information available | No information available |
|                         | Dermal     | No information available | No information available | No information available | No information available |

◆ Predicted No Effect Concentration (PNEC)

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| <b>Predicted No Effect Concentration (PNEC)</b> | No information available |
|-------------------------------------------------|--------------------------|

## 8.2 Exposure controls

### 8.2.1 Engineering controls

|   |                                                                                        |
|---|----------------------------------------------------------------------------------------|
| 1 | Ensure adequate ventilation, especially in confined areas.                             |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Set up emergency exit and necessary risk-elimination area.                             |
| 4 | Handle in accordance with good industrial hygiene and safety practice.                 |

### 8.2.2 Personal protection equipment

|                                 |                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General requirement</b>      | No special requirements, please see the description below.                                                                                                                                |
| <b>Eye protection</b>           | In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.                                       |
| <b>Hand protection</b>          | In general situation, hand protection is not needed.                                                                                                                                      |
| <b>Respiratory protection</b>   | In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask. |
| <b>Skin and body protection</b> | In general situation, skin and body protection are not needed.                                                                                                                            |

### 8.2.3 Environmental exposure controls

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>Environmental exposure controls</b> | No information available |
|----------------------------------------|--------------------------|

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                                    |                                                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Physical state</b>                              | Solid                                                                                                |
| <b>Colour</b>                                      | Neon Purple/Neon Pink/Neon Blue/Transparent Green/Transparent Blue/Transparent Pink/Yellow/Pink/Blue |
| <b>Odor</b>                                        | No information available                                                                             |
| <b>Odor threshold</b>                              | No information available                                                                             |
| <b>pH</b>                                          | No information available                                                                             |
| <b>Melting point/freezing point(°C)</b>            | No information available                                                                             |
| <b>Initial boiling point and boiling range(°C)</b> | No information available                                                                             |
| <b>Flash point(Closed cup,°C)</b>                  | Not applicable                                                                                       |
| <b>Evaporation rate</b>                            | Not applicable                                                                                       |
| <b>Flammability</b>                                | No information available                                                                             |

|                                       |                                                                              |
|---------------------------------------|------------------------------------------------------------------------------|
| Upper/lower explosive limits[% (v/v)] | Upper limit: No information available; Lower limit: No information available |
| Vapor pressure                        | Not applicable                                                               |
| Vapor density(Air = 1)                | Not applicable                                                               |
| Relative density(Water=1)             | No information available                                                     |
| Solubility                            | No information available                                                     |
| n-octanol/water partition coefficient | No information available                                                     |
| Auto-ignition temperature(°C)         | No information available                                                     |
| Decomposition temperature(°C)         | No information available                                                     |
| Kinematic viscosity(mm²/s)            | Not applicable                                                               |
| Explosive properties                  | No information available                                                     |
| Oxidizing properties                  | No information available                                                     |
| Particle characteristics              | No information available                                                     |

## 9.2 Other information

### 9.2.1 Information with regard to physical hazard classes

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Information with regard to physical hazard classes | No information available |
|----------------------------------------------------|--------------------------|

### 9.2.2 Other safety characteristics

|                              |                          |
|------------------------------|--------------------------|
| Other safety characteristics | No information available |
|------------------------------|--------------------------|

## 10 Stability and reactivity

### Stability and reactivity

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 10.1 Reactivity                         | Contact with incompatible substances can cause decomposition or other chemical reactions.                     |
| 10.2 Chemical stability                 | Stable under proper operation and storage conditions.                                                         |
| 10.3 Possibility of hazardous reactions | The substance contains a certain amount of water, and may release hydrogen gas in contact with active metals. |
| 10.4 Conditions to avoid                | Incompatible materials, heat, flame and spark.                                                                |
| 10.5 Incompatible materials             | Oxidants, alkali metals, alkaline earth metals and aluminum.                                                  |
| 10.6 Hazardous decomposition products   | Under normal conditions of storage and use, hazardous decomposition products should not be produced.          |

## 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| Bubble Slime                  |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Skin corrosion/irritation     | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | Based on available data, the classification criteria are not met |
| Skin sensitization            | Based on available data, the classification criteria are not met |
| Respiratory sensitization     | Based on available data, the classification criteria are not met |
| Reproductive toxicity         | Based on available data, the classification criteria are not met |
| STOT-single exposure          | Based on available data, the classification criteria are not met |
| STOT-repeated exposure        | Based on available data, the classification criteria are not met |
| Aspiration hazard             | Based on available data, the classification criteria are not met |

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met

**| Acute toxicity**

| Component                      | LD <sub>50</sub> (oral) | LD <sub>50</sub> (dermal) | LC <sub>50</sub> (inhalation,4h) |
|--------------------------------|-------------------------|---------------------------|----------------------------------|
| FD & C Red No.3                | 1840mg/kg(Rat)          | No information available  | No information available         |
| FD & C Green No.3              | > 2000mg/kg(Rat)        | No information available  | No information available         |
| Agar Powder                    | 11000mg/kg(Rat)         | No information available  | No information available         |
| Polyvinyl Alcohol              | 23900mg/kg(Rat)         | No information available  | No information available         |
| Sodium Carboxymethyl Cellulose | 27000mg/kg(Rat)         | > 2000mg/kg(Rabbit)       | > 5.8mg/L(Rat)                   |
| Propyl P-Hydroxybenzoate       | 6332mg/kg(Mouse)        | No information available  | No information available         |
| Borax                          | 4500mg/kg(Rat)          | No information available  | No information available         |
| FD & C Yellow No.5             | 12750mg/kg(Mouse)       | No information available  | No information available         |
| Glycerin                       | 12600mg/kg(Rat)         | > 10000mg/kg(Rabbit)      | No information available         |
| Sodium Tripolyphosphate        | 3120mg/kg(Rat)          | > 4640mg/kg(Rabbit)       | No information available         |
| Sodium Dehydro Acetate         | 500mg/kg(Rat)           | No information available  | No information available         |

**| Carcinogenicity**

| Component                      | List of carcinogens by the IARC Monographs | Report on Carcinogens by NTP |
|--------------------------------|--------------------------------------------|------------------------------|
| Aqua(Water)                    | Not Listed                                 | Not Listed                   |
| Agar Powder                    | Not Listed                                 | Not Listed                   |
| Xanthan Gum                    | Not Listed                                 | Not Listed                   |
| Polyvinyl Alcohol              | Category 3                                 | Not Listed                   |
| Sodium Tripolyphosphate        | Not Listed                                 | Not Listed                   |
| Sodium Carboxymethyl Cellulose | Not Listed                                 | Not Listed                   |
| Glycerin                       | Not Listed                                 | Not Listed                   |
| Sodium Dehydro Acetate         | Not Listed                                 | Not Listed                   |
| Borax                          | Not Listed                                 | Not Listed                   |
| Propyl P-Hydroxybenzoate       | Not Listed                                 | Not Listed                   |
| FD&C Blue No.1                 | Category 3                                 | Not Listed                   |
| FD & C Red No.3                | Not Listed                                 | Not Listed                   |
| FD & C Green No.3              | Category 3                                 | Not Listed                   |
| FD & C Yellow No.5             | Not Listed                                 | Not Listed                   |
| Manganese Violet               | Not Listed                                 | Not Listed                   |
| Titanium Dioxide               | Category 2B                                | Not Listed                   |

**| 11.2 Information on other hazards****| 11.2.1 Endocrine disrupting properties**

| Component                      | Endocrine disrupting properties |
|--------------------------------|---------------------------------|
| Aqua(Water)                    | No information available        |
| Agar Powder                    | No information available        |
| Xanthan Gum                    | No information available        |
| Polyvinyl Alcohol              | No information available        |
| Sodium Tripolyphosphate        | No information available        |
| Sodium Carboxymethyl Cellulose | No information available        |
| Glycerin                       | No information available        |
| Sodium Dehydro Acetate         | No information available        |
| Borax                          | No information available        |
| Propyl P-Hydroxybenzoate       | No information available        |
| FD&C Blue No.1                 | No information available        |
| FD & C Red No.3                | No information available        |
| FD & C Green No.3              | No information available        |
| FD & C Yellow No.5             | No information available        |
| Manganese Violet               | No information available        |
| Titanium Dioxide               | No information available        |

### 11.2.2 Other Information

|                   |                  |
|-------------------|------------------|
| Other Information | See Section 11.1 |
|-------------------|------------------|

## 12 Ecological information

### 12.1 Toxicity

#### Acute aquatic toxicity

| Component                      | Fish                                                    | Crustaceans                                          | Algae                                                    |
|--------------------------------|---------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| FD & C Red No.3                | LC <sub>50</sub> : > 100mg/L<br>(96h)(Fresh water fish) | EC <sub>50</sub> : 8.1mg/L<br>(48h)(Daphnia magna)   | ErC <sub>50</sub> : > 200mg/L<br>(72h)(Freshwater algae) |
| FD & C Green No.3              | LC <sub>50</sub> : 3000mg/L<br>(96h)(Fresh water fish)  | No information available                             | ErC <sub>50</sub> : 62.9mg/L<br>(72h)(Freshwater algae)  |
| Sodium Carboxymethyl Cellulose | No information available                                | EC <sub>50</sub> : 87.3mg/L<br>(48h)(Daphnia magna)  | No information available                                 |
| Borax                          | No information available                                | No information available                             | ErC <sub>50</sub> : 15.4mg/L<br>(96h)(Freshwater algae)  |
| FD & C Yellow No.5             | LC <sub>50</sub> : > 120mg/L<br>(96h)(Fresh water fish) | EC <sub>50</sub> : > 125mg/L<br>(48h)(Daphnia magna) | No information available                                 |
| Glycerin                       | LC <sub>50</sub> : 885mg/L<br>(96h)(Fresh water fish)   | No information available                             | No information available                                 |
| Sodium Tripolyphosphate        | LC <sub>50</sub> : 1850mg/L<br>(96h)(Fresh water fish)  | EC <sub>50</sub> : 277mg/L<br>(48h)(Daphnia magna)   | No information available                                 |
| Sodium Dehydro Acetate         | LC <sub>50</sub> : 100mg/L<br>(96h)(Fresh water fish)   | EC <sub>50</sub> : > 100mg/L<br>(48h)(Daphnia magna) | ErC <sub>50</sub> : 32.1mg/L<br>(72h)(Freshwater algae)  |

## Chronic aquatic toxicity

|                          |                          |
|--------------------------|--------------------------|
| Chronic aquatic toxicity | No information available |
|--------------------------|--------------------------|

## 12.2 Persistence and degradability

| Component                   | Persistence (water/soil) | Persistence (air) |
|-----------------------------|--------------------------|-------------------|
| Propyl<br>P-Hydroxybenzoate | Low                      | Low               |
| FD & C Red No.3             | High                     | High              |
| FD & C Green No.3           | High                     | High              |
| FD & C Yellow No.5          | High                     | High              |
| Titanium Dioxide            | High                     | High              |

## 12.3 Bioaccumulative potential

| Component                   | Bioaccumulative potential | Comments       |
|-----------------------------|---------------------------|----------------|
| Propyl<br>P-Hydroxybenzoate | Low                       | Log Kow=3.04   |
| FD & C Red No.3             | High                      | Log Kow=6.2002 |
| FD & C Green No.3           | Low                       | Log Kow=1.5657 |
| FD & C Yellow No.5          | Low                       | BCF=3          |
| Titanium Dioxide            | Low                       | BCF=10         |

## 12.4 Mobility in soil

| Component                   | Mobility in soil | Soil Organic Carbon-Water Partitioning Coefficient (Koc) |
|-----------------------------|------------------|----------------------------------------------------------|
| Propyl<br>P-Hydroxybenzoate | Low              | 427.2                                                    |
| FD & C Red No.3             | Low              | 18860                                                    |
| FD & C Green No.3           | Low              | 10000000000                                              |
| FD & C Yellow No.5          | Low              | 79.38                                                    |
| Titanium Dioxide            | Low              | 23.74                                                    |

## 12.5 Results of PBT and vPvB assessment

| Component                         | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|-----------------------------------|---------------------------------------------------------------------|
| Aqua(Water)                       | No information available                                            |
| Agar Powder                       | No information available                                            |
| Xanthan Gum                       | No information available                                            |
| Polyvinyl Alcohol                 | No information available                                            |
| Sodium Tripolyphosphate           | Not PBT/vPvB                                                        |
| Sodium Carboxymethyl<br>Cellulose | No information available                                            |
| Glycerin                          | Not PBT/vPvB                                                        |
| Sodium Dehydro Acetate            | Not PBT/vPvB                                                        |

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>Borax</b>                        | No information available |
| <b>Propyl<br/>P-Hydroxybenzoate</b> | Not PBT/vPvB             |
| <b>FD&amp;C Blue No.1</b>           | Not PBT/vPvB             |
| <b>FD &amp; C Red No.3</b>          | Not PBT/vPvB             |
| <b>FD &amp; C Green No.3</b>        | Not PBT/vPvB             |
| <b>FD &amp; C Yellow No.5</b>       | Not PBT/vPvB             |
| <b>Manganese Violet</b>             | Not applicable           |
| <b>Titanium Dioxide</b>             | Not applicable           |

## 12.6 Endocrine disrupting properties

| <b>Component</b>                          | <b>Endocrine disrupting properties</b> |
|-------------------------------------------|----------------------------------------|
| <b>Aqua(Water)</b>                        | No information available               |
| <b>Agar Powder</b>                        | No information available               |
| <b>Xanthan Gum</b>                        | No information available               |
| <b>Polyvinyl Alcohol</b>                  | No information available               |
| <b>Sodium Tripolyphosphate</b>            | No information available               |
| <b>Sodium Carboxymethyl<br/>Cellulose</b> | No information available               |
| <b>Glycerin</b>                           | No information available               |
| <b>Sodium Dehydro Acetate</b>             | No information available               |
| <b>Borax</b>                              | No information available               |
| <b>Propyl<br/>P-Hydroxybenzoate</b>       | No information available               |
| <b>FD&amp;C Blue No.1</b>                 | No information available               |
| <b>FD &amp; C Red No.3</b>                | No information available               |
| <b>FD &amp; C Green No.3</b>              | No information available               |
| <b>FD &amp; C Yellow No.5</b>             | No information available               |
| <b>Manganese Violet</b>                   | No information available               |
| <b>Titanium Dioxide</b>                   | No information available               |

## 12.7 Other adverse effects

|                          |
|--------------------------|
| No information available |
|--------------------------|

# 13 Disposal considerations

## 13.1 Waste treatment methods

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste chemicals</b>          | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.                       |
| <b>Contaminated packaging</b>   | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |
| <b>Disposal recommendations</b> | Refer to section waste chemicals and contaminated packaging.                                                                                           |

## 14 Transport information

### Label

|                    |                |
|--------------------|----------------|
| Transporting Label | Not applicable |
|--------------------|----------------|

### IMDG-CODE

|           |                                                |
|-----------|------------------------------------------------|
| IMDG-CODE | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|-----------|------------------------------------------------|

### ICAO/IATA-DGR

|          |                                                |
|----------|------------------------------------------------|
| IATA-DGR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|----------|------------------------------------------------|

### UN-ADR

|        |                                                |
|--------|------------------------------------------------|
| UN-ADR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|--------|------------------------------------------------|

### Maritime transport in bulk according to IMO instruments

- ◆ Transport in bulk according to Annex II of MARPOL and the IBC code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

- ◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

- ◆ Transport in bulk in accordance with the IGC Code

|  |                          |
|--|--------------------------|
|  | No information available |
|--|--------------------------|

## 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International chemical inventory

| Component                      | EC inventory | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AIICS | ENCS |
|--------------------------------|--------------|------|-----|-------|-------|-------|------|-------|------|
| Aqua(Water)                    | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Agar Powder                    | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✗    |
| Xanthan Gum                    | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Polyvinyl Alcohol              | ✗            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Sodium Tripolyphosphate        | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Sodium Carboxymethyl Cellulose | ✗            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Glycerin                       | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Sodium Dehydro Acetate         | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| Borax                          | ✗            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✗    |
| Propyl P-Hydroxybenzoate       | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| FD&C Blue No.1                 | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| FD & C Red No.3                | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✓    | ✓     | ✓    |
| FD & C Green No.3              | ✓            | ✓    | ✓   | ✓     | ✓     | ✓     | ✗    | ✓     | ✗    |

|                               |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|
| <b>FD &amp; C Yellow No.5</b> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| <b>Manganese Violet</b>       | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| <b>Titanium Dioxide</b>       | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| [EC inven<br>tory] | European Inventory of Existing Commercial Chemical Substances |
| [TSCA]             | United States Toxic Substances Control Act Inventory          |
| [DSL]              | Canadian Domestic Substances List                             |
| [IECS C]           | China Inventory of Existing Chemical Substances               |
| [NZIo C]           | New Zealand Inventory of Chemicals                            |
| [PIC CS]           | Philippines Inventory of Chemicals and Chemical Substances    |
| [KECI ]            | Korea Existing Chemicals Inventory                            |
| [AIIC S]           | Australian. Inventory of Industrial Chemical (AIICS)          |
| [ENC S]            | Japan Inventory of Existing & New Chemical Substances         |

## European chemical inventory

| Component                             | A | B | C | D | E | F | G | H | I |
|---------------------------------------|---|---|---|---|---|---|---|---|---|
| <b>Aqua(Water)</b>                    | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Agar Powder</b>                    | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Xanthan Gum</b>                    | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Polyvinyl Alcohol</b>              | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Sodium Tripolyphosphate</b>        | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Sodium Carboxymethyl Cellulose</b> | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Glycerin</b>                       | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Sodium Dehydro Acetate</b>         | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Borax</b>                          | ✓ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| <b>Propyl P-Hydroxybenzoate</b>       | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| <b>FD&amp;C Blue No.1</b>             | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>FD &amp; C Red No.3</b>            | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>FD &amp; C Green No.3</b>          | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>FD &amp; C Yellow No.5</b>         | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Manganese Violet</b>               | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| <b>Titanium Dioxide</b>               | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |

|     |                                                                                               |
|-----|-----------------------------------------------------------------------------------------------|
| [A] | Candidate list of Substances of Very High Concern for authorization under EU REACH regulation |
| [B] | Substances requiring authorisation under EU REACH regulation                                  |
| [C] | Substances restricted under EU REACH                                                          |
| [D] | Pre-registered substances under EU REACH                                                      |

|     |                                                                            |
|-----|----------------------------------------------------------------------------|
| [E] | Registered substances under EU REACH                                       |
| [F] | Substance Evaluation – CoRAP under EU REACH                                |
| [G] | List of priority substances under EU water policy (Directive 2455/2001/EC) |
| [H] | Substances subject to POPs Regulation                                      |
| [I] | Substances proposed as POPs                                                |

Note:

- “√” Indicates that the substance included in the regulations.  
 “x” No data or not included in the regulations.

## 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16 Other information

### Information on revision

|                     |            |
|---------------------|------------|
| Creation Date       | 2025/01/08 |
| Revision Date       | -          |
| Reason for revision | -          |

### Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

### Abbreviations and acronyms

|                  |                                      |           |                                                           |
|------------------|--------------------------------------|-----------|-----------------------------------------------------------|
| CAS              | Chemical Abstracts Service           | UN        | The United Nations                                        |
| PC-STEL          | Short term exposure limit            | OECD      | Organization for Economic Co-operation and Development    |
| PC-TWA           | Time Weighted Average                | IMDG-CODE | International Maritime Dangerous Goods CODE               |
| MAC              | Maximum Allowable Concentration      | IARC      | International Agency for Research on Cancer               |
| DNEL             | Derived No Effect Level              | ICAO      | International Civil Aviation Organization                 |
| PNEC             | Predicted No Effect Concentration    | IATA      | International Air Transportation Association              |
| NOEC             | No Observed Effect Concentration     | ACGIH     | American Conference of Governmental Industrial Hygienists |
| LC <sub>50</sub> | Lethal Concentration 50%             | NFPA      | National Fire Protection Association                      |
| LD <sub>50</sub> | Lethal Dose 50%                      | NTP       | National Toxicology Program                               |
| EC <sub>50</sub> | Effective Concentration 50%          | PBT       | Persistent, Bioaccumulative, Toxic                        |
| EC <sub>x</sub>  | Effective Concentration X%           | vPvB      | very Persistent, very Bioaccumulative                     |
| P <sub>OW</sub>  | Partition coefficient Octanol: Water | CMR       | Carcinogens, mutagens or substances toxic to reproduction |
| BCF              | Bioconcentration factor              | RPE       | Respiratory Protective Equipment                          |
| ED               | Endocrine disruptor                  |           |                                                           |

### Disclaimer

This Safety Data Sheet (SDS) was prepared according to regulation No. (EC) 1272/2008 & GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.