



Safety Data Sheet

ASIN/Item No.: SSC 051/Slimelicious Slime station

SSC 055/Slimelicious MEGA Slime station

Brand: SO SLIME

Manufacture: Canal Toys

Room 401, 4th Floor, HKC Commercial entre, Dongcheng
Avenue No. 5, Zhangmutou Town, Dongguan City,
Guangdong Province, P. R. China. 523618

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Date: 2025-08-25 Nom du responsable / Name of responsible / Nombre del responsable / Nome do responsável:	Pierre-Eric DELAUNE
Fonction/Position/Posición/ Posição/Position/Posizione	Quality Director Canal Toys
Signé pour et au nom de Canal Toys/ Signed for and on behalf of Canal Toys/ Firmado por y en nombre de Canal Toys/ Assinado por e em nome da Canal Toys/ Unterzeichnet für & im Namen von Canal Toys/ Firmato per e a nome di Canal Toys	CANAL TOYS 3-5, rue Jules Guesde 92300 LEVALLOIS PERRET Tél: 01 47 15 70 50 / Fax: 01 55 90 88 75 S.A.S. au capital de 211 408 € Paris 404 154 080 – Siret 404 154 080 000 75 NID TVA FR 82 404 154 080 – APE 4649 Z

Remark :main MSDS please see next page.

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Slime Powder/Scented Slime

Powder/Slimelicious

Version: V2.0.1.2

Report No.: HGBZ2502OJ91-R1

Creation Date: 2025/02/12

Revision Date: 2025/03/06

*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/Scented Slime Powder/Slimelicious
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

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

Response	Not applicable
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◆ Storage

Storage	Not applicable
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◆ Disposal

Disposal	Not applicable
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2.3 Other hazards

◆ Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
AGAR POWDER	No information available
Denatonium benzoate	No information available
FD&C Yellow No. 5 Aluminum Lake	Not PBT/vPvB
FD & C RED NO.3	Not PBT/vPvB
Titanium Dioxide	Not applicable
FD&C Blue No.1	Not PBT/vPvB
manganese violet	Not applicable
D&C Black No. 2	Not PBT/vPvB

◆ Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
AGAR POWDER	No information available
Denatonium benzoate	No information available
FD&C Yellow No. 5 Aluminum Lake	No information available
FD & C RED NO.3	No information available
Titanium Dioxide	No information available

FD&C Blue No.1	No information available
manganese violet	No information available
D&C Black No. 2	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
AGAR POWDER CAS: 9002-18-0 EC: 232-658-1 Index No.: -	< 93.88	Not Classified	-
Denatonium benzoate CAS: 3743-33-6 EC: - Index No.: -	< 0.1	No information available	-
FD&C Yellow No. 5 Aluminum Lake CAS: 1934-21-0 EC: 217-699-5 Index No.: -	0.001-0.025	Not Classified	-
FD & C RED NO.3 CAS: 16423-68-0 EC: 240-474-8 Index No.: -	0.001-0.025	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	-
Titanium Dioxide CAS: 13463-67-7 EC: 236-675-5 Index No.: 022-006-00-2	0.001-0.025	Carcinogenicity, Category 2, H351	-
FD&C Blue No.1 CAS: 3844-45-9 EC: 223-339-8 Index No.: -	0.001-0.025	Not Classified	-
manganese violet CAS: 10101-66-3 EC: 233-257-4 Index No.: -	0.001-0.025	Not Classified	-
D&C Black No. 2 CAS: 1333-86-4 EC: 215-609-9 Index No.: -	0.001-0.025	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	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.
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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

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	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 ³	ppm	mg/m ³
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

D&C Black No. 2	Denmark	-	3.5	-	7
	Finland	-	3.5	-	7
	France	-	3.5	-	-
	Norway	-	3.5	-	-
	Poland	-	4	-	-
	Spain	-	3.5	-	-

◆ Biological limit values

Biological limit values	No relevant regulations
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◆ 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
Denatonium benzoate	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 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 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
FD&C Blue No.1	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

manganese violet	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
D&C Black No. 2	Inhalation	No information available	No information available	No information available	1 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

◆ Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available
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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

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	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.
Skin and body protection	In general situation, skin and body protection are not needed.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available
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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Purple/Pink/Yellow/Blue/Pastel Pink/Brown/Orange/Green/Light Brown/Light Purple/White/coral/Light Cyan/Light Pink/YellowBrown
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	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
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9.2.2 Other safety characteristics

Other safety characteristics	No information available
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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 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

Slime Powder/Scented Slime Powder/Slimelicious	
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 ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
FD & C RED NO.3	1840mg/kg(Rat)	No information available	No information available
AGAR POWDER	11000mg/kg(Rat)	No information available	No information available
D&C Black No. 2	> 15400mg/kg(Rat)	> 3000mg/kg(Rabbit)	No information available
FD&C Yellow No. 5 Aluminum Lake	12750mg/kg(Mouse)	No information available	No information available

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
AGAR POWDER	Not Listed	Not Listed
Denatonium benzoate	Not Listed	Not Listed
FD&C Yellow No. 5 Aluminum Lake	Not Listed	Not Listed
FD & C RED NO.3	Not Listed	Not Listed
Titanium Dioxide	Category 2B	Not Listed
FD&C Blue No.1	Category 3	Not Listed
manganese violet	Not Listed	Not Listed
D&C Black No. 2	Category 2B	Not Listed

| 11.2 Information on other hazards

| 11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
AGAR POWDER	No information available
Denatonium benzoate	No information available
FD&C Yellow No. 5 Aluminum Lake	No information available
FD & C RED NO.3	No information available
Titanium Dioxide	No information available
FD&C Blue No.1	No information available
manganese violet	No information available
D&C Black No. 2	No information available

| 11.2.2 Other Information

Other Information	See Section 11.1
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12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
FD & C RED NO.3	LC ₅₀ : > 100mg/L (96h)(Fresh water fish)	EC ₅₀ : 8.1mg/L (48h)(Daphnia magna)	ErC ₅₀ : > 200mg/L (72h)(Freshwater algae)
D&C Black No. 2	LC ₅₀ : > 1000mg/L (96h)(Fish)	No information available	ErC ₅₀ : > 10000mg/L (72h)(Algae)
FD&C Yellow No. 5 Aluminum Lake	LC ₅₀ : > 120mg/L (96h)(Fresh water fish)	EC ₅₀ : > 125mg/L (48h)(Daphnia magna)	No information available

Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
FD&C Yellow No. 5 Aluminum Lake	High	High
FD & C RED NO.3	High	High
Titanium Dioxide	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
FD&C Yellow No. 5 Aluminum Lake	Low	BCF=3
FD & C RED NO.3	High	Log Kow=6.2002
Titanium Dioxide	Low	BCF=10

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
FD&C Yellow No. 5 Aluminum Lake	Low	79.38
FD & C RED NO.3	Low	18860
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]
AGAR POWDER	No information available
Denatonium benzoate	No information available
FD&C Yellow No. 5 Aluminum Lake	Not PBT/vPvB
FD & C RED NO.3	Not PBT/vPvB
Titanium Dioxide	Not applicable
FD&C Blue No.1	Not PBT/vPvB

manganese violet	Not applicable
D&C Black No. 2	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
AGAR POWDER	No information available
Denatonium benzoate	No information available
FD&C Yellow No. 5 Aluminum Lake	No information available
FD & C RED NO.3	No information available
Titanium Dioxide	No information available
FD&C Blue No.1	No information available
manganese violet	No information available
D&C Black No. 2	No information available

12.7 Other adverse effects

	No information available
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13 Disposal considerations

13.1 Waste treatment methods

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

14 Transport information

Label

Transporting Label	Not applicable
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IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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ICAO/IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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Maritime transport in bulk according to IMO instruments

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

	No information available
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- ◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

	No information available
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◆ 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	✓	✓	✓	✓	✓	✓	✓	✓	×
Denatonium benzoate	×	×	×	×	×	×	×	×	×
FD&C Yellow No. 5 Aluminum Lake	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C RED NO.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C Blue No.1	✓	✓	✓	✓	✓	✓	✓	✓	✓
manganese violet	✓	✓	✓	✓	✓	✓	✓	✓	×
D&C Black No. 2	✓	✓	✓	✓	✓	✓	✓	✓	×

[EC inven
tory] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory

[DSL] Canadian Domestic Substances List

[IECSC] China Inventory of Existing Chemical Substances

[NZIoC] New Zealand Inventory of Chemicals

[PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI] Korea Existing Chemicals Inventory

[AIICS] Australian. Inventory of Industrial Chemical (AIICS)

[ENCS] Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
AGAR POWDER	×	×	×	✓	×	×	×	×	×
Denatonium benzoate	×	×	×	×	×	×	×	×	×
FD&C Yellow No. 5 Aluminum Lake	×	×	×	✓	✓	×	×	×	×
FD & C RED NO.3	×	×	×	✓	✓	×	×	×	×
Titanium Dioxide	×	×	×	✓	✓	✓	×	×	×
FD&C Blue No.1	×	×	×	✓	✓	×	×	×	×
manganese violet	×	×	✓	✓	✓	×	×	×	×

D&C Black No. 2	×	×	×	✓	✓	✓	×	×	×
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- [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	2025/02/12
Revision Date	2025/03/06
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 ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor	G1	Carcinogenic to humans
G2A	Probably carcinogenic to humans	G2B	Possibly carcinogenic to humans
G3	Not yet classified as carcinogenic to	G4	Probably not carcinogenic to humans

humans

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.

Scent Colorant/Scent Colorant For TieDye

Version: V2.0.1.1
Report No.: HGBZ2411WR31
Creation Date: 2024/11/28
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	Scent Colorant/Scent Colorant For TieDye
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

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

Response	Not applicable
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◆ Storage

Storage	Not applicable
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◆ Disposal

Disposal	Not applicable
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2.3 Other hazards

◆ Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Aqua	No information available
1,2-Propanediol	Not PBT/vPvB
g-Nonanolactone	Not PBT/vPvB
Anisaldehyde	No information available
3-Ethoxy-4-hydroxybenz-a ldehyde	Not PBT/vPvB
Vanillin	No information available
Ethyl acetate	Not PBT/vPvB
SODIUM DEHYDRO ACETATE	Not PBT/vPvB
Ethyl butyrate	Not PBT/vPvB
Tetradecylaldehyde	No information available
Ethyl-2-methyl butyrate	Not PBT/vPvB
Ethyl 3-methyl-3-phenylglycidat e	Not PBT/vPvB
Leaf acetate	Not PBT/vPvB
Ethyl maltol	Not PBT/vPvB
Pentyl butyrate	No information available
2-Propenyl n-hexanoate	Not PBT/vPvB

Allyl cyclohexylpropionate	Not PBT/vPvB
Titanium dioxide	Not applicable
FD & C RED NO.3	Not PBT/vPvB
FD&C Blue no.1	Not PBT/vPvB
FD & C YELLOW NO.5	Not PBT/vPvB

◆ Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Aqua	No information available
1,2-Propanediol	No information available
g-Nonanolactone	No information available
Anisaldehyde	No information available
3-Ethoxy-4-hydroxybenz-aldehyde	No information available
Vanillin	No information available
Ethyl acetate	No information available
SODIUM DEHYDRO ACETATE	No information available
Ethyl butyrate	No information available
Tetradecylaldehyde	No information available
Ethyl-2-methyl butyrate	No information available
Ethyl 3-methyl-3-phenylglycidate	No information available
Leaf acetate	No information available
Ethyl maltol	No information available
Pentyl butyrate	No information available
2-Propenyl n-hexanoate	No information available
Allyl cyclohexylpropionate	No information available
Titanium dioxide	No information available
FD & C RED NO.3	No information available
FD&C Blue no.1	No information available
FD & C YELLOW NO.5	No information available

◆ Other

EUH208 | Contains sensitising substance. May produce an allergic reaction

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
Aqua CAS: 7732-18-5 EC: 231-791-2 Index No.: -	≥ 85.525-≤ 90.9	Not Classified	-
1,2-Propanediol CAS: 57-55-6 EC: 200-338-0 Index No.: -	≥ 7.767-≤ 12.845	Not Classified	-
g-Nonanolactone CAS: 104-61-0 EC: 203-219-1 Index No.: -	0.2250	Not Classified	-
Anisaldehyde CAS: 123-11-5 EC: 204-602-6 Index No.: -	0.2250	Not Classified	-
3-Ethoxy-4-hydroxybenz-aldehyde CAS: 121-32-4 EC: 204-464-7 Index No.: -	0.1800	Eye Damage/Irritation, Category 2, H319	-
Vanillin CAS: 121-35-5 EC: - Index No.: -	0.0720	No information available	-
Ethyl acetate CAS: 141-78-6 EC: 205-500-4 Index No.: 607-022-00-5	≥ 0.035-≤ 0.0585	Flammable Liquids, Category 2, H225; Eye Damage/Irritation, Category 2, H319; Specific target organ toxicity, single exposure; Narcotic effects, Category 3, H336	-
SODIUM DEHYDRO ACETATE CAS: 4418-26-2 EC: 224-580-1 Index No.: 607-164-00-8	0.0500	Acute Toxicity – Oral, Category 4, H302	-
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4 Index No.: -	≥ 0.0468-≤ 0.225	Flammable Liquids, Category 3, H226	-
Tetradecylaldehyde CAS: 124-25-4 EC: 204-692-7 Index No.: -	0.0450	Skin Corrosion/Irritation, Category 2, H315; Eye Damage/Irritation, Category 2, H319	-
Ethyl-2-methyl butyrate CAS: 7452-79-1 EC: 231-225-4 Index No.: -	≥ 0.09-≤ 0.21	Flammable Liquids, Category 3, H226	-
Ethyl 3-methyl-3-phenylglycid ate	≥ 0.207-≤ 0.49	Sensitization – Skin, Category 1, H317; Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 2,	-

CAS: 77-83-8 EC: 201-061-8 Index No.: -		H411	
Leaf acetate CAS: 3681-71-8 EC: 222-960-1 Index No.: -	0.0700	Flammable Liquids, Category 3, H226	-
Ethyl maltol CAS: 4940-11-8 EC: 225-582-5 Index No.: -	0.1755	Acute Toxicity – Oral, Category 4, H302	-
Pentyl butyrate CAS: 540-18-1 EC: 208-739-2 Index No.: -	0.1440	Flammable Liquids, Category 3, H226	-
2-Propenyl n-hexanoate CAS: 123-68-2 EC: 204-642-4 Index No.: -	0.2565	Acute Toxicity – Oral, Category 3, H301; Acute Toxicity – Dermal, Category 3, H311; Acute Toxicity – Inhalation, Category 3, H331; Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard, Category 1, H400; Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	M=1
Allyl cyclohexylpropionate CAS: 2705-87-5 EC: 220-292-5 Index No.: -	0.1350	Acute Toxicity – Oral, Category 4, H302; Acute Toxicity – Dermal, Category 4, H312; Sensitization – Skin, Category 1, H317; Acute Toxicity – Inhalation, Category 4, H332; Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard, Category 1, H400; Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 1, H410	M=1;M(Chronic)=1
Titanium dioxide CAS: 13463-67-7 EC: 236-675-5 Index No.: 022-006-00-2	≥ 0.005-≤ 0.01	Carcinogenicity, Category 2, H351	-
FD & C RED NO.3 CAS: 16423-68-0 EC: 240-474-8 Index No.: -	≥ 0.005-≤ 0.42	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	-
FD&C Blue no.1 CAS: 3844-45-9 EC: 223-339-8 Index No.: -	≥ 0.005-≤ 0.02	Not Classified	-
FD & C YELLOW NO.5 CAS: 1934-21-0 EC: 217-699-5 Index No.: -	≥ 0.005-≤ 0.04	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.

Ingestion	Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	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.
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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

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	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	Avoid contact with eyes.

◆ Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.
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◆ Measures to prevent aerosol and dust generation

1	Not applicable.
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◆ 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.
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8 Exposure controls/personal protection

8.1 Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m ³	ppm	mg/m ³
1,2-Propanediol	Norway	25	79	-	-
	Poland	-	100	-	-
	United Kingdom	-	10(particulate s)	-	-
	Ireland	150(vapour and particulates)	470(vapour and particulates)	-	-
	Latvia	-	7	-	-
	New Zealand	150	474	-	-
Ethyl acetate	Denmark	150	540	300	1080
	European Union	200	734	400	1468
	Finland	200	730	400	1470

	France	200	734	400	1468
	Germany (AGS)	200	730	400	1460
	Germany (DFG)	200	750	400	1500
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
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◆ 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	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
1,2-Propanediol	Inhalation	No information available	No information available	10 mg/m3	168 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
g-Nonanolactone	Inhalation	No information available	No information available	No information available	16.1 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
Anisaldehyde	Inhalation	No information available	No information available	No information available	5.88 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
3-Ethoxy-4-hydroxybenz-aldehyde	Inhalation	No information available	No information available	No information available	49 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
Vanillin	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
Ethyl acetate	Inhalation	No information available	No information available	734 mg/m3	734 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
Ethyl butyrate	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
Tetradecylaldehyde	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
Ethyl-2-methyl butyrate	Inhalation	No information available	No information available	No information available	52.08 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
Ethyl 3-methyl-3-phenyl glycidate	Inhalation	No information available	No information available	44.08 mg/m3	17.63 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
Leaf acetate	Inhalation	No information available	No information available	No information available	11.75 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
Ethyl maltol	Inhalation	No information available	No information available	No information available	19.7 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
Pentyl butyrate	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
2-Propenyl n-hexanoate	Inhalation	No information available	No information available	No information available	15 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
Allyl cyclohexylpropionate	Inhalation	No information available	No information available	No information available	21.13 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
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 Blue no.1	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
FD & C YELLOW NO.5	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

◆ Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available
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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	Use explosion-proof electrical/ventilating/lighting/equipment.
4	Set up emergency exit and necessary risk-elimination area.

8.2.2 Personal protection equipment

General requirement	    
Eye protection	Must wear appropriate safety goggles.
Hand protection	Must wear appropriate chemical protective gloves.
Respiratory protection	Must wear appropriate personal respiratory protective equipment.
Skin and body protection	Must wear appropriate chemical protective clothing and chemical resistant shoes.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available
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9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Yellow/Blue (Turquoise)/Pink
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)	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
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9.2.2 Other safety characteristics

Other safety characteristics	No information available
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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	In contact with metal alkoxides may cause a fire.

reactions	
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	Metal alkyl oxide, metal hydride, inorganic peroxide, nitrate and halogens oxyacid salts.
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

Scent Colorant/Scent Colorant For TieDye	
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 ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Tetradecylaldehyde	> 5000mg/kg(Rat)	> 10000mg/kg(Rabbit)	No information available
Ethyl butyrate	13000mg/kg(Rat)	> 2000mg/kg(Rabbit)	No information available
SODIUM DEHYDRO ACETATE	500mg/kg(Rat)	No information available	No information available
Anisaldehyde	1510mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
1,2-Propanediol	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
g-Nonanolactone	6600mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
FD & C RED NO.3	1840mg/kg(Rat)	No information available	No information available
Allyl cyclohexylpropionate	585mg/kg(Rat)	No information available	No information available
FD & C YELLOW NO.5	12750mg/kg(Mouse)	No information available	No information available
3-Ethoxy-4-hydroxybenzaldehyde	1590mg/kg(Rat)	> 7940mg/kg(Rabbit)	No information available
Ethyl maltol	1150mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
Ethyl 3-methyl-3-phenylglycidate	5470mg/kg(Rat)	No information available	No information available
Pentyl butyrate	12210mg/kg(Rat)	No information available	No information available
2-Propenyl n-hexanoate	218mg/kg(Rat)	300mg/kg(Rabbit)	No information available
Ethyl acetate	5620mg/kg(Rat)	> 18000mg/kg(Rabbit)	No information available
Leaf acetate	> 5000mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Aqua	Not Listed	Not Listed
1,2-Propanediol	Not Listed	Not Listed
g-Nonanolactone	Not Listed	Not Listed
Anisaldehyde	Not Listed	Not Listed
3-Ethoxy-4-hydroxybenz-a ldehyde	Not Listed	Not Listed
Vanillin	Not Listed	Not Listed
Ethyl acetate	Not Listed	Not Listed
SODIUM DEHYDRO ACETATE	Not Listed	Not Listed
Ethyl butyrate	Not Listed	Not Listed
Tetradecylaldehyde	Not Listed	Not Listed
Ethyl-2-methyl butyrate	Not Listed	Not Listed
Ethyl 3-methyl-3-phenylglycidat e	Not Listed	Not Listed
Leaf acetate	Not Listed	Not Listed
Ethyl maltol	Not Listed	Not Listed
Pentyl butyrate	Not Listed	Not Listed
2-Propenyl n-hexanoate	Not Listed	Not Listed
Allyl cyclohexylpropionate	Not Listed	Not Listed
Titanium dioxide	Category 2B	Not Listed
FD & C RED NO.3	Not Listed	Not Listed
FD&C Blue no.1	Category 3	Not Listed
FD & C YELLOW NO.5	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Aqua	No information available
1,2-Propanediol	No information available
g-Nonanolactone	No information available
Anisaldehyde	No information available

3-Ethoxy-4-hydroxybenzaldehyde	No information available
Vanillin	No information available
Ethyl acetate	No information available
SODIUM DEHYDRO ACETATE	No information available
Ethyl butyrate	No information available
Tetradecylaldehyde	No information available
Ethyl-2-methyl butyrate	No information available
Ethyl 3-methyl-3-phenylglycidate	No information available
Leaf acetate	No information available
Ethyl maltol	No information available
Pentyl butyrate	No information available
2-Propenyl n-hexanoate	No information available
Allyl cyclohexylpropionate	No information available
Titanium dioxide	No information available
FD & C RED NO.3	No information available
FD&C Blue no.1	No information available
FD & C YELLOW NO.5	No information available

11.2.2 Other Information

Other Information	See Section 11.1
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12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Ethyl butyrate	LC ₅₀ : ≥ 100mg/L (96h)(Fresh water fish)	No information available	No information available
SODIUM DEHYDRO ACETATE	LC ₅₀ : 100mg/L (96h)(Fresh water fish)	EC ₅₀ : > 100mg/L (48h)(Daphnia magna)	ErC ₅₀ : 32.1mg/L (72h)(Freshwater algae)
Anisaldehyde	LC ₅₀ : 40mg/L (96h)(Oryzias latipes)	EC ₅₀ : 45mg/L (48h)(Daphnia magna)	ErC ₅₀ : 61mg/L (72h)(Pseudokirchneriella subcapitata)
1,2-Propanediol	LC ₅₀ : > 100mg/L (96h)(Oryzias latipes)	EC ₅₀ : >1000mg/L (48h)(Daphnia magna)	ErC ₅₀ : >1000mg/L (72h)(Pseudokirchneriella subcapitata)
g-Nonanolactone	LC ₅₀ : 50.55mg/L (96h)(Fresh water fish)	No information available	No information available
FD & C RED NO.3	LC ₅₀ : > 100mg/L (96h)(Fresh water fish)	EC ₅₀ : 8.1mg/L (48h)(Daphnia magna)	ErC ₅₀ : > 200mg/L (72h)(Freshwater algae)

Allyl cyclohexylpropionate	LC ₅₀ : 0.13mg/L (96h)(Fresh water fish)	No information available	No information available
FD & C YELLOW NO.5	LC ₅₀ : > 120mg/L (96h)(Fresh water fish)	EC ₅₀ : > 125mg/L (48h)(Daphnia magna)	No information available
3-Ethoxy-4-hydroxybenzaldehyde	No information available	EC ₅₀ : 26.2mg/L (48h)(Daphnia magna)	ErC ₅₀ : > 100mg/L (72h)(Raphidocelis subcapitata)
Ethyl maltol	LC ₅₀ : > 85mg/L (96h)(Fresh water fish)	EC ₅₀ : 27mg/L (48h)(Daphnia magna)	ErC ₅₀ : 7.2mg/L (72h)(Freshwater algae)
Ethyl-2-methyl butyrate	LC ₅₀ : > 100mg/L (96h)(Fresh water fish)	No information available	ErC ₅₀ : > 100mg/L (72h)(Freshwater algae)
Ethyl 3-methyl-3-phenylglycidate	LC ₅₀ : 4.2mg/L (96h)(Fresh water fish)	No information available	No information available
2-Propenyl n-hexanoate	LC ₅₀ : 0.117mg/L (96h)(Fresh water fish)	No information available	No information available
Ethyl acetate	LC ₅₀ : 230mg/L (96h)(Fresh water fish)	No information available	ErC ₅₀ : 2500mg/L (96h)(Freshwater algae)
Leaf acetate	LC ₅₀ : 13mg/L (96h)(Fresh water fish)	No information available	No information available

Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
Ethyl butyrate	NOEC: 1.483mg/L(Fish)	No information available	No information available
Anisaldehyde	No information available	NOEC: 0.71mg/L(Daphnia magna)	NOEC: 1.6mg/L(Pseudokirchneriella subcapitata)
1,2-Propanediol	NOEC: >100mg/L(Oryzias latipes)	NOEC: 1000mg/L(Daphnia magna)	NOEC: 1000mg/L(Pseudokirchneriella subcapitata)

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
1,2-Propanediol	Low	Low
g-Nonanolactone	Low	Low
Anisaldehyde	Low	Low
3-Ethoxy-4-hydroxybenzaldehyde	Low	Low
Tetradecylaldehyde	Low	Low
Ethyl-2-methyl butyrate	Low	Low
Ethyl 3-methyl-3-phenylglycidate	High	High
Leaf acetate	Low	Low
Ethyl maltol	High	High

Pentyl butyrate	Low	Low
2-Propenyl n-hexanoate	Low	Low
Allyl cyclohexylpropionate	Low	Low
Titanium dioxide	High	High
FD & C RED NO.3	High	High
FD & C YELLOW NO.5	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
1,2-Propanediol	Low	BCF=1
g-Nonanolactone	Low	Log Kow=2.0761
Anisaldehyde	Low	Log Kow=1.76
3-Ethoxy-4-hydroxybenz-a ldehyde	Low	Log Kow=1.58
Tetradecylaldehyde	High	Log Kow=5.7273
Ethyl-2-methyl butyrate	Low	Log Kow=2.264
Ethyl 3-methyl-3-phenylglycidate	Low	Log Kow=3.0006
Leaf acetate	Low	Log Kow=2.6136
Ethyl maltol	Low	Log Kow=1.787
Pentyl butyrate	Low	Log Kow=3.3197
2-Propenyl n-hexanoate	Low	Log Kow=3.1833
Allyl cyclohexylpropionate	Medium	Log Kow=4.4707
Titanium dioxide	Low	BCF=10
FD & C RED NO.3	High	Log Kow=6.2002
FD & C YELLOW NO.5	Low	BCF=3

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
1,2-Propanediol	High	1
g-Nonanolactone	Low	140.1
Anisaldehyde	Low	23.26
3-Ethoxy-4-hydroxybenz-a ldehyde	Low	70.92
Tetradecylaldehyde	Low	2321

Ethyl-2-methyl butyrate	Low	36.12
Ethyl 3-methyl-3-phenylglycidate	Low	73.94
Leaf acetate	Low	70.95
Ethyl maltol	Low	10
Pentyl butyrate	Low	137.1
2-Propenyl n-hexanoate	Low	137.1
Allyl cyclohexylpropionate	Low	878.9
Titanium dioxide	Low	23.74
FD & C RED NO.3	Low	18860
FD & C YELLOW NO.5	Low	79.38

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Aqua	No information available
1,2-Propanediol	Not PBT/vPvB
g-Nonanolactone	Not PBT/vPvB
Anisaldehyde	No information available
3-Ethoxy-4-hydroxybenzaldehyde	Not PBT/vPvB
Vanillin	No information available
Ethyl acetate	Not PBT/vPvB
SODIUM DEHYDRO ACETATE	Not PBT/vPvB
Ethyl butyrate	Not PBT/vPvB
Tetradecylaldehyde	No information available
Ethyl-2-methyl butyrate	Not PBT/vPvB
Ethyl 3-methyl-3-phenylglycidate	Not PBT/vPvB
Leaf acetate	Not PBT/vPvB
Ethyl maltol	Not PBT/vPvB
Pentyl butyrate	No information available
2-Propenyl n-hexanoate	Not PBT/vPvB
Allyl cyclohexylpropionate	Not PBT/vPvB
Titanium dioxide	Not applicable

FD & C RED NO.3	Not PBT/vPvB
FD&C Blue no.1	Not PBT/vPvB
FD & C YELLOW NO.5	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Aqua	No information available
1,2-Propanediol	No information available
g-Nonanolactone	No information available
Anisaldehyde	No information available
3-Ethoxy-4-hydroxybenz-a ldehyde	No information available
Vanillin	No information available
Ethyl acetate	No information available
SODIUM DEHYDRO ACETATE	No information available
Ethyl butyrate	No information available
Tetradecylaldehyde	No information available
Ethyl-2-methyl butyrate	No information available
Ethyl 3-methyl-3-phenylglycidat e	No information available
Leaf acetate	No information available
Ethyl maltol	No information available
Pentyl butyrate	No information available
2-Propenyl n-hexanoate	No information available
Allyl cyclohexylpropionate	No information available
Titanium dioxide	No information available
FD & C RED NO.3	No information available
FD&C Blue no.1	No information available
FD & C YELLOW NO.5	No information available

12.7 Other adverse effects

	No information available
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13 Disposal considerations

13.1 Waste treatment methods

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

14 Transport information

Label

Transporting Label	Not applicable
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IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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ICAO/IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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Maritime transport in bulk according to IMO instruments

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

	No information available
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- ◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

	No information available
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- ◆ Transport in bulk in accordance with the IGC Code

	No information available
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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	✓	✓	✓	✓	✓	✓	✓	✓	✓
1,2-Propanediol	✓	✓	✓	✓	✓	✓	✓	✓	✓
g-Nonanolactone	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anisaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
3-Ethoxy-4-hydroxybenzaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vanillin	✗	✗	✗	✗	✗	✗	✗	✗	✗
Ethyl acetate	✓	✓	✓	✓	✓	✓	✓	✓	✓
SODIUM DEHYDRO ACETATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tetradecylaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ethyl-2-methyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl 3-methyl-3-phenylglycidate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Leaf acetate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl maltol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pentyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
2-Propenyl n-hexanoate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Allyl cyclohexylpropionate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium dioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C RED NO.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C Blue no.1	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C YELLOW NO.5	✓	✓	✓	✓	✓	✓	✓	✓	✓

[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
Aqua	×	×	×	✓	×	×	×	×	×
1,2-Propanediol	×	×	×	✓	✓	×	×	×	×
g-Nonanolactone	×	×	×	✓	✓	×	×	×	×
Anisaldehyde	×	×	×	✓	✓	×	×	×	×
3-Ethoxy-4-hydroxy benz-aldehyde	×	×	×	✓	✓	×	×	×	×
Vanillin	×	×	×	×	×	×	×	×	×
Ethyl acetate	×	×	×	✓	✓	×	×	×	×
SODIUM DEHYDRO ACETATE	×	×	×	✓	✓	×	×	×	×
Ethyl butyrate	×	×	×	✓	✓	×	×	×	×

Tetradecylaldehyde	×	×	×	✓	×	×	×	×	×
Ethyl-2-methyl butyrate	×	×	×	✓	✓	×	×	×	×
Ethyl 3-methyl-3-phenylglycidate	×	×	×	✓	✓	×	×	×	×
Leaf acetate	×	×	×	✓	✓	×	×	×	×
Ethyl maltol	×	×	×	✓	✓	×	×	×	×
Pentyl butyrate	×	×	×	✓	×	×	×	×	×
2-Propenyl n-hexanoate	×	×	×	✓	✓	×	×	×	×
Allyl cyclohexylpropionate	×	×	×	✓	✓	×	×	×	×
Titanium dioxide	×	×	×	✓	✓	✓	×	×	×
FD & C RED NO.3	×	×	×	✓	✓	×	×	×	×
FD&C Blue no.1	×	×	×	✓	✓	×	×	×	×
FD & C YELLOW NO.5	×	×	×	✓	✓	×	×	×	×

- [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	2024/11/28
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 ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{OW}	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.