



Safety Data Sheet

ASIN/Item No.: SSC 196/Magical Slime Reveal Potion Maker-Refresh

Brand: MAGICAL SLIME DIY

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: 2025-03-14

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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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Colour reveal slime powder

Version: V2.0.1.1

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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	Colour reveal 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

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
SODIUM TRIPOLYPHOSPHATE	Not PBT/vPvB
SODIUM DEHYDRO ACETATE	Not PBT/vPvB
BORIC ACID	Not applicable
METHYL STEARATE	No information available
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-A MINOPHTHALIDE	No information available
MELAMINE FORMALDEHYDE RESIN	No information available
manganese violet	Not applicable
FD & C RED NO.3	Not PBT/vPvB
FD&C BLUE 1 AI LAKE	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
SODIUM TRIPOLYPHOSPHATE	No information available
SODIUM DEHYDRO ACETATE	No information available

BORIC ACID	No information available
METHYL STEARATE	No information available
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	No information available
MELAMINE FORMALDEHYDE RESIN	No information available
manganese violet	No information available
FD & C RED NO.3	No information available
FD&C BLUE 1 AI LAKE	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.: -	94.57	Not Classified	-
SODIUM TRIPOLYPHOSPHATE CAS: 7758-29-4 EC: 231-838-7 Index No.: -	5.00	Not Classified	-
SODIUM DEHYDRO ACETATE CAS: 4418-26-2 EC: 224-580-1 Index No.: 607-164-00-8	0.05	Acute Toxicity – Oral, Category 4, H302	-
BORIC ACID CAS: 10043-35-3 EC: 233-139-2 Index No.: 005-007-00-2	0.04	Reproductive Toxicity, Category 1B, H360	-
METHYL STEARATE CAS: 112-61-8 EC: 203-990-4 Index No.: -	0.0616	Not Classified	-
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE CAS: 1552-42-7 EC: 216-293-5 Index No.: -	0.0070	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 1, H410	M(Chronic)=1
MELAMINE FORMALDEHYDE RESIN CAS: 68002-20-0 EC: 614-203-2 Index No.: -	0.0014	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	-

May contain			
manganese violet CAS: 10101-66-3 EC: 233-257-4 Index No.: -	0- 0.27	Not Classified	-
FD & C RED NO.3 CAS: 16423-68-0 EC: 240-474-8 Index No.: -	0- 0.27	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	-
FD&C BLUE 1 AI LAKE CAS: 68921-42-6 EC: 272-939-6 Index No.: -	0- 0.27	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.
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◆ 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. |
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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
BORIC ACID	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	-	-

◆ 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
SODIUM TRIPOLYPHOSPHATE	Inhalation	No information available	No information available	No information available	0.661 mg/m ³
	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/m ³
	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/m ³
	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

METHYL STEARATE	Inhalation	No information available	No information available	No information available	137.2 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
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	Inhalation	No information available	No information available	No information available	0.658 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
MELAMINE FORMALDEHYDE RESIN	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
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
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 1 AI LAKE	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

◆ 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	White Changing to blue/purple/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)	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.
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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

Colour reveal slime powder	
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
SODIUM TRIPOLYPHOSPHATE	3120mg/kg(Rat)	> 4640mg/kg(Rabbit)	No information available
BORIC ACID	2660mg/kg(Rat)	No information available	No information available
SODIUM DEHYDRO ACETATE	500mg/kg(Rat)	No information available	No information available
AGAR POWDER	11000mg/kg(Rat)	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
SODIUM TRIPOLYPHOSPHATE	Not Listed	Not Listed
SODIUM DEHYDRO ACETATE	Not Listed	Not Listed
BORIC ACID	Not Listed	Not Listed
METHYL STEARATE	Not Listed	Not Listed
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	Not Listed	Not Listed
MELAMINE FORMALDEHYDE RESIN	Not Listed	Not Listed

manganese violet	Not Listed	Not Listed
FD & C RED NO.3	Not Listed	Not Listed
FD&C BLUE 1 AI LAKE	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
AGAR POWDER	No information available
SODIUM TRIPOLYPHOSPHATE	No information available
SODIUM DEHYDRO ACETATE	No information available
BORIC ACID	No information available
METHYL STEARATE	No information available
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-A MINOPHTHALIDE	No information available
MELAMINE FORMALDEHYDE RESIN	No information available
manganese violet	No information available
FD & C RED NO.3	No information available
FD&C BLUE 1 AI LAKE	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)
SODIUM TRIPOLYPHOSPHATE	LC ₅₀ : 1850mg/L (96h)(Fresh water fish)	EC ₅₀ : 277mg/L (48h)(Daphnia magna)	No information available
BORIC ACID	LC ₅₀ : 487mg/L (96h)(Fish)	EC ₅₀ : 226mg/L (48h)(Daphnia magna)	ErC ₅₀ : 290mg/L (72h)(Pseudokirchneriella subcapitata)
METHYL STEARATE	No information available	EC ₅₀ : > 0.02mg/L (48h)(Daphnia magna)	ErC ₅₀ : > 0.023mg/L (72h)(Pseudokirchneriella subcapitata)
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)

Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
BORIC ACID	No information available	No information available	NOEC : 82mg/L(Pseudokirchneriella subcapitata)

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
BORIC ACID	Low	Low
METHYL STEARATE	Low	Low
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	High	High
MELAMINE FORMALDEHYDE RESIN	High(Half-life = 360 days)	Low(Half-life = 0.44 days)
FD & C RED NO.3	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
BORIC ACID	Low	BCF=0
METHYL STEARATE	Low	Log Kow=8.35
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	Medium	BCF=1670
MELAMINE FORMALDEHYDE RESIN	Low	BCF=38
FD & C RED NO.3	High	Log Kow=6.2002

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
BORIC ACID	Low	35.04
METHYL STEARATE	Low	62440
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	Low	423700
MELAMINE FORMALDEHYDE RESIN	Low	20.79
FD & C RED NO.3	Low	18860

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
SODIUM TRIPOLYPHOSPHATE	Not PBT/vPvB
SODIUM DEHYDRO	Not PBT/vPvB

ACETATE	
BORIC ACID	Not applicable
METHYL STEARATE	No information available
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-A MINOPHTHALIDE	No information available
MELAMINE FORMALDEHYDE RESIN	No information available
manganese violet	Not applicable
FD & C RED NO.3	Not PBT/vPvB
FD&C BLUE 1 AI LAKE	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
AGAR POWDER	No information available
SODIUM TRIPOLYPHOSPHATE	No information available
SODIUM DEHYDRO ACETATE	No information available
BORIC ACID	No information available
METHYL STEARATE	No information available
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-A MINOPHTHALIDE	No information available
MELAMINE FORMALDEHYDE RESIN	No information available
manganese violet	No information available
FD & C RED NO.3	No information available
FD&C BLUE 1 AI LAKE	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
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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
AGAR POWDER	✓	✓	✓	✓	✓	✓	✓	✓	✗
SODIUM TRIPOLYPHOSPHATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
SODIUM DEHYDRO ACETATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
BORIC ACID	✓	✓	✓	✓	✓	✓	✓	✓	✓
METHYL STEARATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
3,3-BIS(P-DIMETHYLAMINOPHENYL)-6-DIMETHYL-AMINOPHTHALIDE	✓	✓	✓	✓	✓	✓	✓	✓	✓
MELAMINE FORMALDEHYDE RESIN	✗	✓	✓	✓	✓	✓	✓	✓	✓
manganese violet	✓	✓	✓	✓	✓	✓	✓	✓	✗
FD & C RED NO.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C BLUE 1 AI LAKE	✓	✓	✓	✓	✓	✓	✗	✓	✓

[EC inventory] 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

C]	
[PIC	Philippines Inventory of Chemicals and Chemical Substances
CS]	
[KECI	Korea Existing Chemicals Inventory
]	
[AIIC	Australian. Inventory of Industrial Chemical (AIICS)
S]	
[ENC	Japan Inventory of Existing & New Chemical Substances
S]	

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
AGAR POWDER	x	x	x	✓	x	x	x	x	x
SODIUM TRIPOLYPHOSPHA TE	x	x	x	✓	✓	x	x	x	x
SODIUM DEHYDRO ACETATE	x	x	x	✓	✓	x	x	x	x
BORIC ACID	✓	x	✓	✓	✓	x	x	x	x
METHYL STEARATE	x	x	x	✓	✓	x	x	x	x
3,3-BIS(P-DIMETHY LAMINOPHENYL)-6 -DIMETHYL-AMINO PHTHALIDE	x	x	x	✓	✓	x	x	x	x
MELAMINE FORMALDEHYDE RESIN	x	x	x	✓	x	x	x	x	x
manganese violet	x	x	✓	✓	✓	x	x	x	x
FD & C RED NO.3	x	x	x	✓	✓	x	x	x	x
FD&C BLUE 1 AI LAKE	x	x	x	✓	✓	x	x	x	x

[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.
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16 Other information

Information on revision

Creation Date	2025/03/11
Revision Date	-

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 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 humans	G4	Probably not carcinogenic to 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.

Colorant

Version: V2.0.1.1

Report No.: HGBZ2503G8W1

Creation Date: 2025/03/13

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	Colorant
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
FD & C RED NO.3 (CI 45430)	Not PBT/vPvB
FD & C YELLOW NO.5 (CI 19140)	Not PBT/vPvB
SODIUM DEHYDROACETATE	Not PBT/vPvB
Titanium Dioxide (CI 77891)	Not applicable
FD&C Blue no.1 (CI 42090)	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
FD & C RED NO.3 (CI 45430)	No information available
FD & C YELLOW NO.5 (CI 19140)	No information available
SODIUM DEHYDROACETATE	No information available
Titanium Dioxide (CI 77891)	No information available
FD&C Blue no.1 (CI 42090)	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
Aqua CAS: 7732-18-5 EC: 231-791-2 Index No.: -	99.10-99.925	Not Classified	-
FD & C RED NO.3 (CI 45430) CAS: 16423-68-0 EC: 240-474-8 Index No.: -	0- 0.845	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard, Category 3, H412	-
FD & C YELLOW NO.5 (CI 19140) CAS: 1934-21-0 EC: 217-699-5 Index No.: -	0- 0.08	Not Classified	-
SODIUM DEHYDROACETATE CAS: 4418-26-2 EC: 224-580-1 Index No.: 607-164-00-8	0.05	Acute Toxicity – Oral, Category 4, H302	-
Titanium Dioxide (CI 77891) CAS: 13463-67-7 EC: 236-675-5 Index No.: 022-006-00-2	0.005-0.02	Carcinogenicity, Category 2, H351	-
FD&C Blue no.1 (CI 42090) CAS: 3844-45-9 EC: 223-339-8 Index No.: -	0- 0.02	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. |
|---|------------------------|

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	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.
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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
Titanium Dioxide (CI 77891)	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
FD & C RED NO.3 (CI 45430)	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 (CI 19140)	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
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
Titanium Dioxide (CI 77891)	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 (CI 42090)	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

◆ 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	Liquid
Colour	Yellow/pink/blue
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	Not flammable
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 reactions	In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
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**

Colorant	
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 YELLOW NO.5 (CI 19140)	12750mg/kg(Mouse)	No information available	No information available
FD&C Blue no.1 (CI 42090)	12750mg/kg(Mouse)	No information available	No information available
SODIUM DEHYDROACETATE	500mg/kg(Rat)	No information available	No information available
FD & C RED NO.3 (CI 45430)	1840mg/kg(Rat)	No information available	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Aqua	Not Listed	Not Listed
FD & C RED NO.3 (CI 45430)	Not Listed	Not Listed
FD & C YELLOW NO.5 (CI 19140)	Not Listed	Not Listed
SODIUM DEHYDROACETATE	Not Listed	Not Listed
Titanium Dioxide (CI 77891)	Category 2B	Not Listed

FD&C Blue no.1 (CI 42090)	Category 3	Not Listed
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11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Aqua	No information available
FD & C RED NO.3 (CI 45430)	No information available
FD & C YELLOW NO.5 (CI 19140)	No information available
SODIUM DEHYDROACETATE	No information available
Titanium Dioxide (CI 77891)	No information available
FD&C Blue no.1 (CI 42090)	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 YELLOW NO.5 (CI 19140)	LC ₅₀ : > 120mg/L (96h)(Fresh water fish)	EC ₅₀ : > 125mg/L (48h)(Daphnia magna)	No information available
SODIUM DEHYDROACETATE	LC ₅₀ : 100mg/L (96h)(Fresh water fish)	EC ₅₀ : > 100mg/L (48h)(Daphnia magna)	ErC ₅₀ : 32.1mg/L (72h)(Freshwater algae)
FD & C RED NO.3 (CI 45430)	LC ₅₀ : > 100mg/L (96h)(Fresh water fish)	EC ₅₀ : 8.1mg/L (48h)(Daphnia magna)	ErC ₅₀ : > 200mg/L (72h)(Freshwater algae)

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 RED NO.3 (CI 45430)	High	High
FD & C YELLOW NO.5 (CI 19140)	High	High
Titanium Dioxide (CI 77891)	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
FD & C RED NO.3 (CI 45430)	High	Log Kow=6.2002

FD & C YELLOW NO.5 (CI 19140)	Low	BCF=3
Titanium Dioxide (CI 77891)	Low	BCF=10

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
FD & C RED NO.3 (CI 45430)	Low	18860
FD & C YELLOW NO.5 (CI 19140)	Low	79.38
Titanium Dioxide (CI 77891)	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	No information available
FD & C RED NO.3 (CI 45430)	Not PBT/vPvB
FD & C YELLOW NO.5 (CI 19140)	Not PBT/vPvB
SODIUM DEHYDROACETATE	Not PBT/vPvB
Titanium Dioxide (CI 77891)	Not applicable
FD&C Blue no.1 (CI 42090)	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Aqua	No information available
FD & C RED NO.3 (CI 45430)	No information available
FD & C YELLOW NO.5 (CI 19140)	No information available
SODIUM DEHYDROACETATE	No information available
Titanium Dioxide (CI 77891)	No information available
FD&C Blue no.1 (CI 42090)	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	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C RED NO.3 (CI 45430)	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C YELLOW NO.5 (CI 19140)	✓	✓	✓	✓	✓	✓	✓	✓	✓
SODIUM DEHYDROACETATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide (CI 77891)	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C Blue no.1 (CI 42090)	✓	✓	✓	✓	✓	✓	✓	✓	✓

[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

[NZIC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECIS]	Korea Existing Chemicals Inventory
[AIICS]	Australian Inventory of Industrial Chemical (AIICS)
[ENCIS]	Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
Aqua	x	x	x	✓	x	x	x	x	x
FD & C RED NO.3 (CI 45430)	x	x	x	✓	✓	x	x	x	x
FD & C YELLOW NO.5 (CI 19140)	x	x	x	✓	✓	x	x	x	x
SODIUM DEHYDROACETATE	x	x	x	✓	✓	x	x	x	x
Titanium Dioxide (CI 77891)	x	x	x	✓	✓	✓	x	x	x
FD&C Blue no.1 (CI 42090)	x	x	x	✓	✓	x	x	x	x

- [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.
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16 Other information

Information on revision

Creation Date	2025/03/13
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	G1	Carcinogenic to humans
G2A	Probably carcinogenic to humans	G2B	Possibly carcinogenic to humans
G3	Not yet classified as carcinogenic to humans	G4	Probably not carcinogenic to 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.