

Safety Data Sheet

Fluffy Slime Powder

Version: V2.0.0.1

Report No.: HGBZ2212KO51

Creation Date: 2022/12/28

Revision Date: 2022/12/28

*According to GHS (Ninth Revised Edition)



1 Identification

Product identifier

Product Name	Fluffy Slime Powder (green/pink/purple/blue)
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

Recommended use of the product and restrictions on use

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

Details of the supplier

Applicant Name	Canal Toys Ltd
Applicant Address	18, rue Curnonsky, 75017 Paris, France
Applicant Post Code	
Applicant Telephone	+ 33 1 47 15 70 50
Applicant Fax	
Applicant E-mail	gary.li@canaltoysasia.com
Supplier Name	Canal Toys Ltd
Supplier Address	18, rue Curnonsky, 75017 Paris, France
Supplier Post Code	
Supplier Telephone	+ 33 1 47 15 70 50
Supplier Fax	
Supplier E-mail	alexander.putzschke@canaltoys.fr

Emergency phone number

Emergency phone number	Société / Organisme: INRS / ORFILA Tel. +33 (0) 1 45 42 59 59 http://www.centres-antipoison.net
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2 Hazard(s) identification

Hazard classification according to GHS

According to GHS system (9th revised edition), not classified as a hazardous chemical.

GHS 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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Hazard description

◆ Physical and chemical hazards

	No information available
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◆ Health hazards

Inhaled	Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.
Eye	This product may cause temporary discomfort following direct contact with the eye.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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3 Composition/information on ingredients**Substance/mixture**

	Mixture
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Component	CAS No.	EC No.	Concentration (wt, %)
Agar	9002-18-0	232-658-1	76.250
COPOLYMEY	25214-39-5	607-652-0	17.560
PENTASODIUM TRIPHOSPHATE	7758-29-4	231-838-7	5.930
ISOBUTANE	75-28-5	200-857-2	0.080
Sodium Dehydro Acetate	4418-26-2	224-580-1	0.050
Fragrance: Bubble Gum			
g-Decalactone	706-14-9	211-892-8	0.050
g-Nonanolactone	104-61-0	203-219-1	
Ethyl 3-methyl-3-phenylglycidat e	77-83-8	201-061-8	

3-Ethoxy-4-hydroxybenz-a ldehyde	121-32-4	204-464-7	
Tetradecylaldehyde	124-25-4	204-692-7	
Ethyl maltol	4940-11-8	225-582-5	
1,2-Propanediol	57-55-6	200-338-0	
BORIC ACID	10043-35-3	233-139-2	0.040
FD & C RED NO.3	16423-68-0	240-474-8	0~0.032
manganese violet	10101-66-3	233-257-4	0~0.025
FD&C Blue No.1	3844-45-9	223-339-8	0~0.020
Titanium Dioxide	13463-67-7	236-675-5	0~0.015
FD & C GREEN NO.3	2353-45-9	219-091-5	0~0.010

4 First-aid measures

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.

Most important symptoms/effects, acute and delayed

1	Please see section 11.
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Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

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.

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.

Special protective equipment and precautions for fire-fighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
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| 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

Personal precautions, protective equipment and emergency procedures

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| 1 | Ensure adequate ventilation. Remove all sources of ignition. |
| 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. |

Environmental precautions

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

Methods and materials for containment and cleaning up

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| 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. |

7 Handling and storage

Precautions for safe handling

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| 1 | Handling is performed in a well ventilated place. |
| 2 | Avoid contact with eyes. |
| 3 | Keep away from heat/sparks/open flames/ hot surfaces. |

Conditions for safe storage, including any incompatibilities

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| 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. |

8 Exposure controls/personal protection

Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m ³	ppm	mg/m ³
ISOBUTANE	Switzerland	800	1900		
	New Zealand				
	Ireland	1000			
	Germany (DFG)	1000	2400	4000	9600

	Germany (AGS)	1000	2400	4000	9600
	Canada - Ontario	1000			
	Belgium	1000			
	Belgium	1000			
1,2-Propanediol	United Kingdom		10		
	United Kingdom	150	474		
	New Zealand	150	474		
	Latvia		7		
	Ireland		10		
	Ireland	150	470		
	Canada - Ontario		10		
	Canada - Ontario	50	155		
	Australia		10		
	Australia	150	474		
BORIC ACID	Switzerland		10		10
	Spain		2		6
	Latvia		10		
	Germany (AGS)		0.5		1
	Canada - Ontario		2		6
	Belgium		2		6
Titanium Dioxide	USA - OSHA		15		
	South Korea		10		
	Ireland		10		
	France		11		
	Denmark		6		12
	Australia		10		

◆ 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.

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.

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.

9 Physical and chemical properties and safety characteristics

Physical and chemical properties

Physical state	Solid (powder)
Colour	Green/pink/purple/blue
Odor	No special odor
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	Not flammable
Upper/lower explosive limits[% (v/v)]	Upper limit: No information available; Lower limit: No information available
Vapor pressure	Not applicable
Relative vapour 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	Not applicable
Particle characteristics	Powder

10 Stability and reactivity

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.

Incompatible materials	Oxidantss and halogen.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

Acute toxicity

Component	LD ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Agar	11000mg/kg(Rat)	No information available	No information available
Tetradecylaldehyde	> 5000mg/kg(Rat)	> 10000mg/kg(Rabbit)	No information available
FD & C GREEN NO.3	> 2000mg/kg(Rat)	No information available	No information available
Ethyl 3-methyl-3-phenylglycidate	5470mg/kg(Rat)	No information available	No information available
1,2-Propanediol	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
BORIC ACID	2660mg/kg(Rat)	No information available	No information available
FD & C RED NO.3	1840mg/kg(Rat)	No information available	No information available
3-Ethoxy-4-hydroxybenz-aldehyde	1590mg/kg(Rat)	> 7940mg/kg(Rabbit)	No information available
PENTASODIUM TRIPHOSPHATE	3120mg/kg(Rat)	> 4640mg/kg(Rabbit)	No information available
g-Nonanolactone	6600mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
Sodium Dehydro Acetate	500mg/kg(Rat)	No information available	No information available
Ethyl maltol	1150mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Agar	Not Listed	Not Listed
COPOLYMEY	Not Listed	Not Listed
PENTASODIUM TRIPHOSPHATE	Not Listed	Not Listed
ISOBUTANE	Not Listed	Not Listed
Sodium Dehydro Acetate	Not Listed	Not Listed
g-Decalactone	Not Listed	Not Listed
g-Nonanolactone	Not Listed	Not Listed
Ethyl 3-methyl-3-phenylglycidate	Not Listed	Not Listed
3-Ethoxy-4-hydroxybenz-a ldehyde	Not Listed	Not Listed
Tetradecylaldehyde	Not Listed	Not Listed
Ethyl maltol	Not Listed	Not Listed
1,2-Propanediol	Not Listed	Not Listed

BORIC ACID	Not Listed	Not Listed
FD & C RED NO.3	Not Listed	Not Listed
manganese violet	Not Listed	Not Listed
FD&C Blue No.1	Category 3	Not Listed
Titanium Dioxide	Category 2B	Not Listed
FD & C GREEN NO.3	Category 3	Not Listed

Others

Fluffy Slime Powder (green/pink/purple/blue)	
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
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
FD & C GREEN NO.3	LC ₅₀ : 3000mg/L (96h)(Fish)	No information available	No information available
Ethyl 3-methyl-3-phenylglycidate	LC ₅₀ : 4.2mg/L (96h)(Fish)	No information available	No information available
1,2-Propanediol	LC ₅₀ : 39800mg/L (96h)(Fish)	EC ₅₀ : >1000mg/L (48h)(Crustaceans)	ErC ₅₀ : >1000mg/L (72h)(Algae)
BORIC ACID	LC ₅₀ : 487mg/L (96h)(Fish)	EC ₅₀ : 226mg/L (48h)(Crustaceans)	ErC ₅₀ : 290mg/L (72h)(Algae)
FD & C RED NO.3	LC ₅₀ : > 100mg/L (96h)(Fish)	EC ₅₀ : 8.1mg/L (48h)(Crustaceans)	No information available
3-Ethoxy-4-hydroxybenzaldehyde	No information available	EC ₅₀ : 26.2mg/L (48h)(Crustaceans)	No information available
PENTASODIUM TRIPHOSPHATE	LC ₅₀ : 1850mg/L (96h)(Fish)	EC ₅₀ : 277mg/L (48h)(Crustaceans)	No information available
g-Nonanolactone	LC ₅₀ : 50.55mg/L (96h)(Fish)	No information available	No information available
Sodium Dehydro Acetate	LC ₅₀ : 100mg/L (96h)(Fish)	EC ₅₀ : > 100mg/L (48h)(Crustaceans)	No information available
g-Decalactone	LC ₅₀ : 21.5mg/L (96h)(Fish)	No information available	No information available
Ethyl maltol	LC ₅₀ : > 85mg/L	EC ₅₀ : 27mg/L	No information available

	(96h)(Fish)	(48h)(Crustaceans)	
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Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
1,2-Propanediol	NOEC: >100mg/L(Fish)	NOEC: 1000mg/L(Crustaceans)	NOEC: 1000mg/L(Algae)
BORIC ACID	No information available	No information available	NOEC: 82mg/L(Algae)

Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
ISOBUTANE	High	High
g-Decalactone	Low	Low
g-Nonanolactone	Low	Low
Ethyl 3-methyl-3-phenylglycidate	High	High
3-Ethoxy-4-hydroxybenzaldehyde	Low	Low
Tetradecylaldehyde	Low	Low
Ethyl maltol	High	High
1,2-Propanediol	Low	Low
BORIC ACID	Low	Low
FD & C RED NO.3	High	High
Titanium Dioxide	High	High
FD & C GREEN NO.3	High	High

Bioaccumulative potential

Component	Bioaccumulative potential	Comments
ISOBUTANE	Low	BCF=1.97
g-Decalactone	Low	Log Kow=2.72
g-Nonanolactone	Low	Log Kow=2.0761
Ethyl 3-methyl-3-phenylglycidate	Low	Log Kow=3.0006
3-Ethoxy-4-hydroxybenzaldehyde	Low	Log Kow=1.58
Tetradecylaldehyde	High	Log Kow=5.7273
Ethyl maltol	Low	Log Kow=1.787
1,2-Propanediol	Low	BCF=1
BORIC ACID	Low	BCF=0
FD & C RED NO.3	High	Log Kow=6.2002
Titanium Dioxide	Low	BCF=10

FD & C GREEN NO.3	Low	Log Kow=1.5657
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Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
ISOBUTANE	Low	35.04
g-Decalactone	Low	258.4
g-Nonanolactone	Low	140.1
Ethyl 3-methyl-3-phenylglycidate	Low	73.94
3-Ethoxy-4-hydroxybenzaldehyde	Low	70.92
Tetradecylaldehyde	Low	2321
Ethyl maltol	Low	10
1,2-Propanediol	High	1
BORIC ACID	Low	35.04
FD & C RED NO.3	Low	18860
Titanium Dioxide	Low	23.74
FD & C GREEN NO.3	Low	10000000000

Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Agar	Not available
COPOLYMEY	Not available
PENTASODIUM TRIPHOSPHATE	Not PBT/vPvB
ISOBUTANE	Not applicable
Sodium Dehydro Acetate	Not PBT/vPvB
g-Decalactone	Not PBT/vPvB
g-Nonanolactone	Not PBT/vPvB
Ethyl 3-methyl-3-phenylglycidate	Not PBT/vPvB
3-Ethoxy-4-hydroxybenzaldehyde	Not PBT/vPvB
Tetradecylaldehyde	Not available
Ethyl maltol	Not PBT/vPvB
1,2-Propanediol	Not PBT/vPvB
BORIC ACID	Not applicable
FD & C RED NO.3	Not PBT/vPvB
manganese violet	Not applicable

FD&C Blue No.1	Not PBT/vPvB
Titanium Dioxide	Not applicable
FD & C GREEN NO.3	Not PBT/vPvB

13 Disposal considerations

Disposal considerations

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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15 Regulatory information

International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS
Agar	✓	✓	✓	✓	✓	✓	✓	✓	✗
COPOLYMEY	✗	✓	✓	✓	✓	✓	✓	✓	✓
PENTASODIUM TRIPHOSPHATE	✓	✓	✓	✓	✓	✓	✓	✓	✓
ISOBUTANE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sodium Dehydro Acetate	✓	✓	✓	✓	✓	✓	✓	✓	✓
g-Decalactone	✓	✓	✓	✓	✓	✓	✓	✓	✓
g-Nonanolactone	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl 3-methyl-3-phenylglycid ate	✓	✓	✓	✓	✓	✓	✓	✓	✓
3-Ethoxy-4-hydroxybenz -aldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tetradecylaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl maltol	✓	✓	✓	✓	✓	✓	✓	✓	✓

1,2-Propanediol	✓	✓	✓	✓	×	✓	✓	✓	✓
BORIC ACID	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C RED NO.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
manganese violet	✓	✓	✓	✓	✓	✓	✓	✓	×
FD&C Blue No.1	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C GREEN NO.3	✓	✓	✓	✓	✓	✓	×	✓	✓

[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

[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

Note:

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

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

16 Other information

Information on revision

Creation Date	2022/12/28
Revision Date	2022/12/28
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.chemportal.org/chemportal/substancesearch/index.action>.
- [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 UN GHS (the 9th revised edition). 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.