

SDS#469 ITEM#

383838

**Safety Data Sheet**

**MENGFEISHI hand sanitizer gel**

Version: V1.0.0.1  
 Report No.: HGNM20BGID  
 Creation Date: 2020/03/06  
 Revision Date: 2020/03/06

SDS#

ITEM#



广分质检  
 GUANG-FEN QUALITY TEST

\*Prepared according to UN GHS (the 8th revised edition)

**1 Identification of the chemical and supplier**

**Product identifier**

Product Name	MENGFEISHI hand sanitizer gel
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable



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

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

**Details of the supplier of the Safety Data Sheet**

Name of the company	Guangzhou ShanSan Health Management Co., Ltd
Address of the company	Room 378, 874 huangpu Avenue west tianhe district, Guangzhou City Guangdong Province china
Post code	—
Telephone number	18896126890
Fax number	—
E-mail address	345727529@qq.com

**Emergency phone number**

Emergency phone number	400-6772-818
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**2 Hazards identification**

**Hazard classification according to GHS**

Flammable Liquids	Category 2
Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard	Category 2
Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard	Category 2

**Label elements**

Hazard pictograms	
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<b>Signal word</b>	<b>Danger</b>
<b>Hazard statements</b>	
<b>H225</b>	Highly flammable liquid and vapour
<b>H401</b>	Toxic to aquatic life
<b>H411</b>	Toxic to aquatic life with long lasting effects

**Precautionary statements**

## ◆ Prevention

<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground and bond container and receiving equipment.
<b>P241</b>	Use explosion-proof [electrical/ventilating/lighting] equipment.
<b>P242</b>	Use non-sparking tools.
<b>P243</b>	Take action to prevent static discharges.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.

## ◆ Response

<b>P391</b>	Collect spillage.
<b>P370+P378</b>	In case of fire: Use appropriate extinguishing media mentioned in Section 5 of the SDS to extinguish.
<b>P303+P361+P353</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

## ◆ Storage

<b>P403+P235</b>	Store in a well-ventilated place. Keep cool.
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## ◆ Disposal

<b>P501</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
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**Hazard description**

## ◆ Physical and chemical hazards

	Highly flammable liquids, its vapor and air mixture can form explosive mixture.
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## ◆ Health hazards

<b>Inhaled</b>	Cough. Headache. Fatigue. Drowsiness.
<b>Ingestion</b>	Burning sensation. Headache. Confusion. Dizziness. Unconsciousness.
<b>Skin Contact</b>	Dry skin.
<b>Eye</b>	Redness. Pain. Burning.

## ◆ Environmental hazards

	This product is toxic to aquatic life with long lasting effects. Please refer to 12th chapter of SDS.
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**3 Composition/information on ingredients**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Ethanol	64-17-5	200-578-6	75
1,2-Propanediol	57-55-6	200-338-0	6
Carbomer	54182-57-9	611-106-7	0.5
Chlorphenesin	104-29-0	203-192-6	0.3
2,2',2''-nitrilotriethanol	102-71-6	203-049-8	0.1
Triclosan	3380-34-5	222-182-2	0.1
Water	7732-18-5	231-791-2	18

#### 4 First aid measures

##### | Description of first aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye contact</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Skin contact</b>	Remove contaminated clothes. Rinse and then wash skin with water and soap.
<b>Ingestion</b>	Rinse mouth. Refer for medical attention.
<b>Inhalation</b>	Fresh air, rest.
<b>Protecting of first-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

##### | Most important symptoms and effects, both 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 Firefighting measures

##### | Extinguishing media

<b>Suitable extinguishing media</b>	Small Fire: Dry chemical, CO <sub>2</sub> , water spray or alcohol-resistant foam; Large Fire: Water spray, fog or alcohol-resistant foam.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter or spread fire.

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

1	Will form explosive mixtures with air.
2	Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration.
3	Vapours may travel to source of ignition and flash back.
4	Liquid and vapour are flammable.
5	May expansion or decompose explosively when heated or involved in fire.

##### | 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

### Personal precautions, protective equipment and emergency procedures

- |   |  |
|---|--|
| 1 | Avoid breathing vapours and contacting with skin and eye.  |
| 2 | Beware of vapours accumulating to form explosive concentrations.   |
| 3 | Vapours can accumulate in low areas.   |
| 4 | Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves. |
| 5 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.  |
| 6 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.  |
| 7 | Use personal protective equipment. Avoid breathing vapours, mist or gas.   |

### Environmental precautions

- |   |   |
|---|---|
| 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

- |   |  |
|---|--|
| 1 | Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding. |
| 2 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.       |
| 3 | Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.                                     |

## 7 Handling and storage

### Precautions for handling

- |   |   |
|---|---|
| 1 | Avoid inhalation of vapors.   |
| 2 | Use only non-sparking tools.  |
| 3 | To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded. |
| 4 | Use explosion proof equipment.  |
| 5 | Handling is performed in a well ventilated place.   |
| 6 | Wear suitable protective equipment.   |
| 7 | Avoid contact with skin and eyes.   |
| 8 | Keep away from heat/sparks/open flames/ hot surfaces.   |

### Precautions for storage

- |   |  |
|---|--|
| 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

- ◆ Occupational Exposure limit values

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol 64-17-5	USA - OSHA	1000	1900	-	-
	South Korea	1000	1900	-	-
	Ireland	-	-	1000	-
	Germany (AGS)	500	960	1000	1920
	Denmark	1000	1900	2000	3800
	Australia	1000	1880	-	-
1,2- Propanediol 57-55-6	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	-	-
2,2',2''- nitrilotriethanol 102-71-6	Switzerland	-	5	-	20
	Sweden	0.8	5	1.6	10
	Ireland	-	5	-	-
	Germany (DFG)	-	5	-	20
	Denmark	0.5	3.1	1	6.2
	Australia	-	5	-	-

◆ Biological limit values

<b>Biological limit values</b>	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 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard) .

| 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.

| Personal protection equipment

<b>General requirement</b>	
<b>Eye protection</b>	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
<b>Hand protection</b>	Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
<b>Respiratory protection</b>	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
<b>Skin and body protection</b>	Wear fire/flame resistant/retardant clothing and antistatic boots.

## 9 Physical and chemical properties

### | Physical and chemical properties

<b>Appearance</b>	Colorless transparent mucus
<b>Odor</b>	Plain
<b>Odor threshold</b>	No information available
<b>pH</b>	7.0 (20°C, 10g/L, Ethanol)
<b>Melting point/freezing point(°C)</b>	-117 (Ethanol)
<b>Initial boiling point and boiling range(°C)</b>	79 (Ethanol)
<b>Flash point(Closed cup, °C)</b>	13 (Ethanol)
<b>Evaporation rate</b>	No information available
<b>Flammability</b>	Flammable
<b>Upper/lower explosive limits[%(v/v)]</b>	Upper limit: 19 (Ethanol); Lower limit: 3.3 (Ethanol)
<b>Vapor pressure</b>	5.8kPa (Ethanol)
<b>Relative vapour density(Air = 1)</b>	1.6 (Ethanol)
<b>Relative density(Water = 1)</b>	0.79 (Ethanol)
<b>Solubility(mg/L)</b>	Miscible with water (Ethanol)
<b>n-octanol/water partition coefficient</b>	-0.32 (Ethanol)
<b>Auto-ignition temperature(°C)</b>	363 (Ethanol)
<b>Decomposition temperature(°C)</b>	≥700 (Ethanol)
<b>Kinematic viscosity</b>	No information available
<b>Particle characteristics</b>	Not applicable

## 10 Stability and reactivity

### | Stability and reactivity

<b>Reactivity</b>	Contact with incompatible substances can cause decomposition or other chemical reactions.
<b>Chemical stability</b>	Stable under proper operation and storage conditions.
<b>Possibility of hazardous reactions</b>	In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a

	reaction and release hydrogen.
<b>Conditions to avoid</b>	Incompatible materials, heat, flame and spark.
<b>Incompatible materials</b>	Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11 Toxicological information

### | Acute toxicity

Component	Cas No.	LD <sub>50</sub> (oral)	LD <sub>50</sub> (dermal)	LC <sub>50</sub> (inhalation,4h)
Ethanol	64-17-5	7060mg/kg(Rat)	No information available	39mg/L(Mouse)
Triclosan	3380-34-5	3700mg/kg(Rat)	9300mg/kg(Rabbit)	No information available
1,2-Propanediol	57-55-6	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
2,2',2''-nitritotriethanol	102-71-6	5846mg/kg(Mouse)	No information available	No information available

### | Carcinogenicity

ID	Cas No.	Component	IARC	NTP
1	64-17-5	Ethanol	Category 1	Not Listed
2	57-55-6	1,2-Propanediol	Not Listed	Not Listed
3	54182-57-9	Carbomer	Not Listed	Not Listed
4	104-29-0	Chlorphenesin	Not Listed	Not Listed
5	102-71-6	2,2',2''-nitritotriethanol	Category 3	Not Listed
6	3380-34-5	Triclosan	Not Listed	Not Listed
7	7732-18-5	Water	Not Listed	Not Listed

### | Others

MENGFEISHI hand sanitizer gel	
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met
<b>Skin sensitization</b>	Based on available data, the classification criteria are not met
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity(additional)</b>	Based on available data, the classification criteria are not met

**12 Ecological information****| Acute aquatic toxicity**

Component	Cas No.	Fish	Crustaceans	Algae
Ethanol	64-17-5	LC <sub>50</sub> : 11000mg/L (96h)(Fish)	EC <sub>50</sub> : 9950mg/L (48h)(Crustaceans)	No information available
Triclosan	3380-34-5	LC <sub>50</sub> : 0.36mg/L (96h)(Fish)	EC <sub>50</sub> : 0.27mg/L (48h)(Crustaceans)	ErC <sub>50</sub> : 0.00097mg/L (96h)(Algae)
1,2-Propanediol	57-55-6	LC <sub>50</sub> : 39800mg/L (96h)(Fish)	EC <sub>50</sub> : >1000mg/L (48h)(Crustaceans)	ErC <sub>50</sub> : >1000mg/L (72h)(Algae)
2,2',2''-nitrilotriethanol	102-71-6	LC <sub>50</sub> : 11800mg/L (96h)(Fish)	EC <sub>50</sub> : 610mg/L (48h)(Crustaceans)	No information available

**| Chronic aquatic toxicity**

Component	Cas No.	Fish	Crustaceans	Algae
Triclosan	3380-34-5	No information available	NOEC: 0.00034mg/L (Crustaceans)	NOEC: 0.0010mg/L (Algae)
1,2-Propanediol	57-55-6	NOEC: >100mg/L (Fish)	NOEC: 1000mg/L (Crustaceans)	NOEC: 1000mg/L (Algae)

**| Persistence and degradability**

Component	Cas No.	Persistence (water/soil)	Persistence (air)
2,2',2''-nitrilotriethanol	102-71-6	Low	Low
Chlorphenesin	104-29-0	Low	Low
Triclosan	3380-34-5	High	High
1,2-Propanediol	57-55-6	Low	Low
Ethanol	64-17-5	Low(Half-life = 2.17 days)	Low(Half-life = 5.08 days)
Water	7732-18-5	Low	Low

**| Bioaccumulative potential**

Component	Cas No.	Bioaccumulative potential	comments
2,2',2''-nitrilotriethanol	102-71-6	Low	BCF=4
Chlorphenesin	104-29-0	Low	Log K <sub>ow</sub> =1.5039
Triclosan	3380-34-5	Low	BCF=90
1,2-Propanediol	57-55-6	Low	BCF=1
Ethanol	64-17-5	Low	Log K <sub>ow</sub> =-0.31
Water	7732-18-5	Low	Log K <sub>ow</sub> =-1.38

**| Mobility in soil**

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (K <sub>oc</sub> )
2,2',2''-nitrilotriethanol	102-71-6	Low	10



Chlorphenesin	104-29-0	Low	10
Triclosan	3380-34-5	Low	18420
1,2-Propanediol	57-55-6	High	1
Ethanol	64-17-5	High	1
Water	7732-18-5	Low	14.3

#### | Results of PBT and vPvB assessment

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 1907/2006)
Ethanol	64-17-5	not PBT/vPvB
1,2-Propanediol	57-55-6	not PBT/vPvB
Carbomer	54182-57-9	not PBT/vPvB
Chlorphenesin	104-29-0	not PBT/vPvB
2,2',2''-nitrilotriethanol	102-71-6	not PBT/vPvB
Triclosan	3380-34-5	not PBT/vPvB
Water	7732-18-5	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 13.1 and 13.2.

### 14 Transport information

#### | Label and Mark

Transporting Label	
Marine pollutant	

#### | IMDG-CODE

UN number	1170
UN proper shipping name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class	3
Transport subsidiary hazard class	None

<b>Packing group</b>	II
<b>Special provisions</b>	144
<b>Limited quantities</b>	1L
<b>Excepted quantities</b>	E2
<b>Marine pollutant (Yes or no)</b>	Yes
<b>EmS No.</b>	F-E,S-D

**| ICAO/IATA-DGR**

<b>UN number</b>	1170
<b>UN proper shipping name</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>Transport hazard class</b>	3
<b>Transport subsidiary hazard class</b>	None
<b>Packing group</b>	II
<b>Excepted quantities</b>	E2
<b>Passenger and Cargo Aircraft Limited Quantity Packing Instructions</b>	Y341
<b>Passenger and Cargo Aircraft Limited Quantity Maximum net Quantity per Package</b>	1 L
<b>Passenger and Cargo Aircraft Packing Instructions</b>	353
<b>Passenger and Cargo Aircraft Maximum net Quantity per Package</b>	5 L
<b>Cargo Aircraft Packing Instructions</b>	364
<b>Cargo Aircraft Maximum net Quantity per Package</b>	60 L
<b>Special provisions</b>	A3, A58, A180
<b>ERG code</b>	3L

**| UN-ADR**

<b>UN number</b>	1170
<b>UN proper shipping name</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>Transport hazard class</b>	3
<b>Transport subsidiary hazard class</b>	None
<b>Packing group</b>	II
<b>Special provisions</b>	144 601
<b>Limited quantities</b>	1 L
<b>Excepted quantities</b>	E2
<b>Packing instructions</b>	P001 IBC02 R001
<b>Special packing provisions</b>	-

Mixed packing provisions	MP19
Portable tanks and bulk containers instructions	T4
Portable tanks and bulk containers special provisions	TP1
ADR tank code	LGBF
ADR tank special provisions	-
Vehicle for tank carriage	FL
Transport category(Tunnel restriction code)	2 (D/E)
Special provisions for carriage(Packages)	-
Special provisions for carriage(Bulk)	-
Special provisions for carriage>Loading, unloading and handling)	-
Special provisions for carriage(Operation)	S2 S20
Hazard identification No.	33
Notes	-

## 15 Regulatory information

### | International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ethanol	√	√	√	√	√	√	√	√	√
1,2-Propanediol	√	√	√	√	√	√	√	√	√
Carbomer	x	x	x	x	x	x	x	x	x
Chlorphenesin	√	x	√	√	√	x	x	√	x
2,2',2''-nitrioltriethanol	√	√	√	√	√	√	√	√	√
Triclosan	√	√	√	√	√	√	√	√	√
Water	√	√	√	√	√	√	√	√	√

[EINECS] 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] Existing and Evaluated Chemical Substances

[AICS] Australia Inventory of Chemical Substances

[ENCS] Existing And New Chemical Substances

Note

"√" Indicates that the substance included in the regulations

"x" That no data or included in the regulations

## 16 Others

### Information on revision

<b>Creation Date</b>	2020/03/06
<b>Revision Date</b>	2020/03/06
<b>Reason for revision</b>	-

### Reference

- [1]IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2]IARC, website: <http://www.iarc.fr/>.
- [3]OECD: The Global Portal to Information on Chemical Substances, website: [http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en).
- [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

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

### Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 8th 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.