

# Design Report of Safety Data Sheet

正本/ORIGINAL

Report No.:	HG202210WH9R02-R1	 防伪码: IXSY
Inspection date:	2022/10/21	
Issue date:	2023/03/02	
Version:	V2.0.0.2	
<b>*Product Name:</b>	Lithium ion Battery Module CS4300H	
<b>*Applicant:</b>	FOXESS CO., LTD.	
<b>Supplier:</b>	FOXESS CO., LTD.	
<b>*Composition of the product:</b>	Phosphoric acid,iron(2+) lithium salt (1:1:1)(CAS: 15365-14-7): 36%; Carbon(CAS: 7440-44-0): 1%; Aluminium(CAS: 7429-90-5): 12%; Copper(CAS: 7440-50-8): 10%; Poly(ethylene)(CAS: 9002-88-4): 2.5%; Ethene, 1,1-difluoro-,homopolymer(CAS: 24937-79-9): 0.6% <b>Details on the next page</b>	
<b>Warranty of Design:</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) Ninth revised edition	
<b>*Information materials:</b>	HG202210WH9R-R1 《Application》 <b>Details on the next page</b>	
<b>Design Result of SDS please see next page.</b>		
<b>Designer:</b>	江帆	<b>Auditor:</b> 叶江莉
		<b>Approver:</b> 戎霄
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Contd. of Prev. page: Complete sample component information and customer information details.

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<b>*Information materials:</b>	HG202210WH9R-R1 《Application》、 P104402 《Declaration of consistency of components of the sample submitted for inspection》、 P104402 《UN 38.3》、 P104402-Product Picture	

名称: 常州合规思远产品安全技术有限公司 (简称: 合规化学)

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1. According to the needs of issuing the report, the company requires the client to provide true and complete samples and data (see the report tape ★ for details). The Company will not bear any consequences caused by the wrong information provided by the Client. If the chemical information, authoritative database and relevant policy changes submitted by the client affect the conclusions of this report, this report will automatically become invalid. Unless otherwise specified, the data in this report are only responsible for the samples submitted for inspection, and the accuracy of sample composition information is the responsibility of the client. The hazard characteristics, transportation information and emergency measures of samples need to focus on the corresponding parts of this report.
2. The data source of this report is based on the relevant materials and information submitted by the client, the test results of international authoritative databases, laboratories and the current relevant knowledge of the company. We try our best to ensure the correctness of all information during the audit. However, due to the diversity of information sources and the limitations of the Company's knowledge, users of this report should make further judgments on the reasonableness of relevant information based on the purpose of use.
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8. This report is valid before the implementation of the new version of the standard.



## Safety Data Sheet

# Lithium ion Battery Module CS4300H

Version : V2.0.0.1

Report No. : HG202210WH9R02-R1

Creation Date : 2022/10/21

Revision Date : 2023/03/02

\*According to GHS (Ninth Revised Edition)

## 1 Identification

### Product identifier

Product Name	Lithium ion Battery Module CS4300H
Product Model	CS4300H
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
Product Picture	 The product picture consists of four images of the Lithium ion Battery Module CS4300H. The top-left image is a technical specification label with the following details: Model No.: CS4300H, Rated Capacity: 72Ah, Nominal Energy: 4.14kWh, Nominal Voltage: 57.6Vdc, Voltage range: 48.6-65.7Vdc, Max.charge/discharge Current: 50A/50A, Ingress Protection: IP65, Protective Class: I, Operating Temperature: -10-55°C, Storage Temperature: -20-55°C. It also includes safety warnings, a caution section, and manufacturer information (FOXESS CO., LTD., Made in China 10-200-20681-00). The top-right image shows the battery module from a top-down perspective. The bottom-left image shows the battery module from a front perspective. The bottom-right image shows the battery module from a side perspective. All images are set against a blue background with yellow measuring tape.

### 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	FOXESS CO., LTD.
Applicant Address	No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China
Applicant Post Code	325025
Applicant Telephone	0510-68092998
Applicant Fax	—
Applicant E-mail	foxrd@fox-ess.com
Supplier Name	FOXESS CO., LTD.
Supplier Address	No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China
Supplier Post Code	325025

Supplier Telephone	0510-68092998
Supplier Fax	—
Supplier E-mail	foxrd@fox-ess.com

### Emergency phone number

Emergency phone number	0510-68092998
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## 2 Hazard(s) identification

### Hazard classification according to GHS

The product meets the definition of "article". In the Globally Harmonized Chemical Classification and Labeling System (GHS), the "articles" defined by the US Occupational Safety and Health Administration "Hazard Communication Standard" (29 CFR 1910.1200) or similar definitions do not fall within the scope of this system. [Rev. 9 (2021) Part 1.3.2.1.1]. 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

	When the outer enclosure and safety circuits have been compromised or have been significantly damaged, it is likely to contain substantial electrical charge and can cause injury or death if mishandled. Mechanical damage can lead to danger. Battery products exposed to high temperature conditions, may produce heat out of control, causing fire.
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#### ◆ Health hazards

Inhaled	According to the material form, it is not the normal way of contacting.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	No harm in general situation.
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

Component	CAS No.	EC No.	Concentration (wt, %)
Phosphoric acid,iron(2+) lithium salt (1:1:1)	15365-14-7	604-917-2	36
Carbon	7440-44-0	231-153-3	1
Aluminium	7429-90-5	231-072-3	12
Copper	7440-50-8	231-159-6	10
Poly(ethylene)	9002-88-4	618-339-3	2.5
Ethene, 1,1-difluoro-,homopolymer	24937-79-9	607-458-6	0.6
Graphite	7782-42-5	231-955-3	18
Benzene, ethenyl-, polymer with 1,3-butadiene	9003-55-8	618-370-2	0.6
Carboxymethylcellulose Sodium	9004-32-4	618-378-6	0.3
Ethylene carbonate	96-49-1	202-510-0	6
Dimethyl carbonate	616-38-6	210-478-4	6
Ethyl methyl carbonate	623-53-0	613-014-2	7

### 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.

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

1 Treat symptomatically.

2 Symptoms may be delayed.

### 5 Fire-fighting measures

**Extinguishing media**

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

**Specific hazards arising from the substance or mixture**

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	May expansion or decompose explosively when heated or involved in fire.

**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.
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	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.

**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	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**

1	Handling is performed in a well ventilated place.
2	Wear suitable protective equipment.
3	Avoid contact with skin and eyes.
4	Keep away from heat/sparks/open flames/ hot surfaces.

**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.

## 8 Exposure controls/personal protection

### Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Aluminium	USA - OSHA		15		
	South Korea		10		
	Ireland		1		
	Germany (DFG)		4		
	Denmark		5		10
	Australia		10		
	USA-ACGIH		1		
Copper	The Netherlands		0.1		
	Poland		0.2		
	Latvia		0.5		1
	Germany (DFG)		0.01		0.02
Graphite	USA - OSHA		15		
	South Korea		2		
	Ireland		10		
	Germany (DFG)		4		
	Denmark		2.5		5
	Australia		3 (4)		
	USA-ACGIH		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.

### 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.
<b>Hand protection</b>	In general situation, hand protection is not needed.
<b>Respiratory protection</b>	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
<b>Skin and body protection</b>	In general situation, skin and body protection are not needed.

## 9 Physical and chemical properties and safety characteristics

### Physical and chemical properties

<b>Physical state</b>	Solid (see picture for details)
<b>Colour</b>	White
<b>Odor</b>	No special odor
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/freezing point(°C)</b>	No information available
<b>Initial boiling point and boiling range(°C)</b>	No information available
<b>Flash point(Closed cup, °C)</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	Not flammable
<b>Upper/lower explosive limits[%(v/v)]</b>	Upper limit : No information available ; Lower limit : No information available
<b>Vapor pressure</b>	Not applicable
<b>Relative vapour density(Air = 1)</b>	Not applicable
<b>Relative density(Water=1)</b>	No information available
<b>Solubility</b>	Insoluble in water
<b>n-octanol/water partition coefficient</b>	No information available
<b>Auto-ignition temperature(°C)</b>	No information available
<b>Decomposition temperature(°C)</b>	No information available
<b>Kinematic viscosity</b>	Not applicable
<b>Particle characteristics</b>	No information available

## 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>	No information available.
<b>Conditions to avoid</b>	Incompatible materials, heat, flame and spark.
<b>Incompatible materials</b>	Metal acetylide, halogen, interhalogen, halogen oxides, nitric acid, nitrous oxide, nitrates, nitrites, halogen oxyacid salts, chromates, permanganates, inorganic peroxides, metal oxides and peroxyformic acid. Oxidants, halogen, interhalogen

	and mercury. Halogen, interhalogen, strong oxidant, water and acids.
<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	LD <sub>50</sub> (oral)	LD <sub>50</sub> (dermal)	LC <sub>50</sub> (inhalation,4h)
Ethylene carbonate	10000mg/kg(Rat)	> 3000mg/kg(Rabbit)	No information available
Carboxymethylcellulose Sodium	27000mg/kg(Rat)	> 2000mg/kg(Rabbit)	> 5.8mg/L(Rat)
Dimethyl carbonate	13000mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available

### Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Phosphoric acid,iron(2+) lithium salt (1:1:1)	Not Listed	Not Listed
Carbon	Not Listed	Not Listed
Aluminium	Not Listed	Not Listed
Copper	Not Listed	Not Listed
Poly(ethylene)	Category 3	Not Listed
Ethene, 1,1-difluoro-,homopolyme r	Not Listed	Not Listed
Graphite	Not Listed	Not Listed
Benzene, ethenyl-, polymer with 1,3-butadiene	Category 3	Not Listed
Carboxymethylcellulose Sodium	Not Listed	Not Listed
Ethylene carbonate	Not Listed	Not Listed
Dimethyl carbonate	Not Listed	Not Listed
Ethyl methyl carbonate	Not Listed	Not Listed

### Others

Lithium ion Battery Module CS4300H	
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

<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	Fish	Crustaceans	Algae
<b>Phosphoric acid,iron(2+) lithium salt (1:1:1)</b>	LC <sub>50</sub> : > 28mg/L (96h)(Fish)	EC <sub>50</sub> : > 28mg/L (48h)(Crustaceans)	No information available
<b>Ethyl methyl carbonate</b>	LC <sub>50</sub> : > 100mg/L (96h)(Fish)	EC <sub>50</sub> : > 100mg/L (48h)(Crustaceans)	No information available
<b>Copper</b>	LC <sub>50</sub> : 0.665mg/L (96h)(Fish)	EC <sub>50</sub> : 0.02mg/L (48h)(Crustaceans)	ErC <sub>50</sub> : 7.9mg/L (96h)(Algae)
<b>Ethylene carbonate</b>	LC <sub>50</sub> : > 100mg/L (96h)(Fish)	EC <sub>50</sub> : > 100mg/L (48h)(Crustaceans)	No information available
<b>Graphite</b>	LC <sub>50</sub> :100mg/L (96h)(Fish)	No information available	No information available
<b>Carboxymethylcellulose Sodium</b>	No information available	EC <sub>50</sub> : 87.3mg/L (48h)(Crustaceans)	No information available
<b>Dimethyl carbonate</b>	LC <sub>50</sub> : ≥ 100mg/L (96h)(Fish)	EC <sub>50</sub> : > 100mg/L (48h)(Crustaceans)	No information available
<b>Aluminium</b>	LC <sub>50</sub> : 1.55mg/L (96h)(Fish)	No information available	No information available

### Chronic aquatic toxicity

<b>Chronic aquatic toxicity</b>	No information available
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### Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
<b>Poly(ethylene)</b>	Low	Low
<b>Graphite</b>	Low	Low
<b>Ethylene carbonate</b>	High	High
<b>Ethyl methyl carbonate</b>	High	High

### Bioaccumulative potential

Component	Bioaccumulative potential	Comments
<b>Poly(ethylene)</b>	Low	Log Kow=1.2658
<b>Graphite</b>	Low	Log Kow=0.5294
<b>Ethylene carbonate</b>	Low	Log Kow=-0.3388
<b>Ethyl methyl carbonate</b>	Low	Log Kow=0.7247

### Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
<b>Poly(ethylene)</b>	Low	14.3

Graphite	Low	23.74
Ethylene carbonate	Low	9.168
Ethyl methyl carbonate	Low	15.22

### Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Phosphoric acid,iron(2+) lithium salt (1:1:1)	Not available
Carbon	Not available
Aluminium	Not applicable
Copper	Not applicable
Poly(ethylene)	Not available
Ethene, 1,1-difluoro-,homopolyme r	Not available
Graphite	Not applicable
Benzene, ethenyl-, polymer with 1,3-butadiene	Not available
Carboxymethylcellulose Sodium	Not available
Ethylene carbonate	Not PBT/vPvB
Dimethyl carbonate	Not PBT/vPvB
Ethyl methyl carbonate	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	
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### IMDG-CODE

UN number	3480
UN proper shipping name	LITHIUM ION BATTERIES (including lithium ion polymer batteries)
Transport hazard class	9

Transport subsidiary hazard class	None
Packing group	Packagings shall conform to the packing group II performance level
Marine pollutant ( Yes or no )	No

### ICAO/IATA-DGR

UN number	3480
UN proper shipping name	LITHIUM ION BATTERIES (including lithium ion polymer batteries)
Transport hazard class	9
Transport subsidiary hazard class	None
Packing group	Packagings shall conform to the packing group II performance level

### UN-ADR

UN number	3480
UN proper shipping name	LITHIUM ION BATTERIES (including lithium ion polymer batteries)
Transport hazard class	9
Transport subsidiary hazard class	None
Packing group	Packagings shall conform to the packing group II performance level

## 15 Regulatory information

### International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS
Phosphoric acid,iron(2+) lithium salt (1:1:1)	×	√	√	√	×	×	√	×	√
Carbon	√	√	√	√	√	√	√	√	√
Aluminium	√	√	√	√	√	√	√	√	√
Copper	√	√	×	√	√	√	√	√	√
Poly(ethylene)	×	√	√	√	√	√	√	√	√
Ethene, 1,1-difluoro-,homopolym er	×	√	√	√	√	√	√	√	√
Graphite	√	√	√	√	√	√	√	√	×
Benzene, ethenyl-, polymer with 1,3-butadiene	×	√	√	√	√	√	√	√	√
Carboxymethylcellulose Sodium	×	√	×	√	√	√	√	√	√
Ethylene carbonate	√	√	√	√	√	√	√	√	√
Dimethyl carbonate	√	√	√	√	√	√	√	√	√
Ethyl methyl carbonate	×	√	×	√	×	√	√	×	√

[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.  
 “x” No data or not included in the regulations.

## 16 Other information

### Information on revision

Creation Date	2022/10/21
Revision Date	2023/03/02
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/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 <sub>50</sub>	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD <sub>50</sub>	Lethal Dose 50%	NTP	National Toxicology Program
EC <sub>50</sub>	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC <sub>x</sub>	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P <sub>OW</sub>	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

### Disclaimer

This Safety Data Sheet (SDS) was prepared according to 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.