

# Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

Version No.: 1.0

Printed Date: May 26, 2020

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## SDS REPORT

SISOR COMODITY CO., LTD

Room202, No. 2 BLDG, LANE 999, YANGFAN ROAD, NINGBO, China

SDS Report No. : SDS202005268  
Compilation Date : May 26, 2020  
Trade Name : Toilet blocks  
Composition/Ingredient of The Sample : See Section 3 on the SDS  
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.  
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.

Signed for and on behalf of  
FOCO Technical Center:



Johnny Zhang

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### ·1.1 Product identifier

- Trade name: Toilet blocks
- Registration number: Data not available
- Other means of identification: Data not available

### ·1.2 Relevant identified uses of the substance or mixture and uses advised against on

- Application of the substance/ mixture: Cleaning.
- Uses advised against: All other uses.

### ·1.3 Details of the supplier of the safety data sheet

#### ·Manufacturer/Supplier:

SISOR COMODITY CO., LTD

Room202, No. 2 BLDG, LANE 999, YANGFAN ROAD, NINGBO, China

Tel: +086 574-55229569

Fax: +086 574-55229566

Email: [sale6@sisor.com.cn](mailto:sale6@sisor.com.cn)

- Only Representative/other EU contact point: No information available.

·Further information obtainable from: SISOR COMODITY CO.,LTD

### ·1.4 Emergency telephone number

**UNITED KINGDOM**

National Poisons Information Service

Tel: + 44 (0) 844 892 0111 (24 hour available)

## SECTION 2: Hazards identification

### ·2.1 Classification of the substance or mixture

Classification according to regulation (EC) 1272/2008:



**GHS05 Corrosion**

Eye Dam. 1 H318 Causes serious eye damage



**GHS07 Exclamation mark**

Acute Tox. 4 H302 Harmful if swallowed

Skin Irrit.2 H315 Causes skin irritation

#### ·Classification system:

The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.

### ·2.2 Label elements

·Labeling according to Regulation (EC) No 1272/2008: The product is labeled according to CLP Regulation.

·Hazard pictograms:



GHS05 GHS07

•**Signal word:** *Danger*

•**Hazard-determining components of labelling:** *Sodium dodecylbenzenesulfonate, Dodecylbenzenesulphonic acid.*

•**Hazard statements:**

- H302 Harmful if swallowed  
H315 Causes skin irritation  
H318 Causes serious eye damage

•**Precautionary statement:**

- P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash hands and face thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ eye protection/ face protection.  
P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.  
P501 Dispose of contents/container in accordance with local.

•**2.3 Other hazards**

•**Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

### SECTION 3: Composition/information on ingredients

•**3.1 Chemical characterization:** *Mixture*

•**Description:**

*Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.*

Substance	CAS No.	Index No.	EC No.	Conc. w/w	CLP Classification	SCL/M-factor
Sodium sulphate	7757-82-6	-	231-820-9	26%	None	-
Sodium dodecylbenzenesulfonate	25155-30-0	-	246-680-4	26%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	Acute Tox. 4, H302:C $\geq$ 25%; Skin Irrit. 2, H315:C $\geq$ 20%; Eye Dam. 1, H318:C $\geq$ 10%; Eye Irrit. 2: 5% $\leq$ C<10%
Sodium hydrogencarbonate	144-55-8	-	205-633-8	13%	None	-
Sodium alcohol ether sulphate	9004-82-4	-	-	11%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	Acute Tox. 4, H302:C $\geq$ 25%; Skin Irrit. 2, H315:C $\geq$ 20%; Eye Irrit. 2, H319:C $\geq$ 20%
Carboxymethyl cellulose sodium salt	9004-32-4	-	-	8%	None	-
Water	7732-18-5	-	231-791-2	7%	None	-
Fast Green FCF	2353-45-9	-	219-091-5	4%	STOT SE 3, H335	-

Polyethylene glycol 6000 distearate	9005-08-7	-	-	2%	None	-
Dodecylbenzenesulphonic acid	27176-87-0	-	248-289-4	2%	Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1C, H314 Eye Dam. 1, H318	Eye Dam. 1, H318:C $\geq$ 0.5%
Citric acid	77-92-9	-	201-069-1	1%	Eye Irrit. 2, H319	-

## SECTION 4: First aid measures

### ·4.1 Description of first aid measures

**General advice:** If medical advice is needed, have product container or label at hand.

**After inhalation:** Supply with fresh air. Call a POISON CENTER/doctor, if you feel unwell.

**After skin contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**After swallowing:** Wash mouth. Get medical attention if you feel unwell.

·4.2 Most important symptoms and effects, both acute and delayed: Harmful if swallowed; Causes skin irritation; Causes serious eye damage.

·4.3 Indication of any immediate medical attention and special treatment needed: Treatment according to symptoms, no known specific medicine.

## SECTION 5: Fire-fighting measures

### ·5.1 Extinguishing media

·Suitable extinguishing agents: Use CO<sub>2</sub>, powder, water spray or alcohol resistant foam to extinguish.

·Unsuitable extinguishing media: No special unsuitable extinguishing media.

·5.2 Special hazards arising from the substance or mixture: May form corrosive dust in air under fire.

### ·5.3 Advice for firefighters

**Protective equipment:** Wear an approved positive pressure self-contained breathing apparatus (Comply with EN 133).

## SECTION 6: Accidental release measures

### ·6.1 Personal precautions, protective equipment and emergency procedures:

Cut off leakage source and collect spillage timely if safe to do it; Ensure adequate ventilation; Do not breathe dust; Wear protective gloves/ eye protection/face protection; Avoid contact with skin and eyes.

### ·6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

### ·6.3 Methods and material for containment and cleaning up:

Pick up mechanically; Ensure good ventilation; Dispose contaminated material as waste according to section 13.

### ·6.4 Reference to other sections:

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for

disposal in formation.

## SECTION 7: Handling and storage

### ·7.1 Precautions for safe handling:

Read label before use; Ensure adequate ventilation; Do not breath dust; Wear protective gloves/ eye protection/face protection; Avoid contact with skin and eyes.

·**Information about fire and explosion protection:** Normal measures for preventive fire protection.

### ·7.2 Conditions for safe storage, including any non-compatibility

·**Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.

·**Information about storage in one common storage facility:** Keep out of reach of children.

·**Further information about storage conditions:** Store locked up.

·7.3 Specific end use(s): See section 1.2.

## SECTION 8: Exposure controls/personal protection

### ·8.1 Control parameters

·**Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
77-92-9 Citric acid		
Germany (AGS)	2 mg/m <sup>3</sup> Inhalable fraction and vapour	4 mg/m <sup>3</sup> Inhalable fraction and vapour; 15 minutes average value
Germany (DFG)	2 mg/m <sup>3</sup> Inhalable fraction and vapour	4 mg/m <sup>3</sup> Inhalable fraction and vapour; 15 minutes average value

·**DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
7757-82-6 Sodium sulphate			
Systemic effects	Long-term, inhalation exposure	20 mg/m <sup>3</sup>	12 mg/m <sup>3</sup>
Local effects	Long-term, inhalation exposure	20 mg/m <sup>3</sup>	12 mg/m <sup>3</sup>
25155-30-0 Sodium dodecylbenzenesulfonate			
Systemic effects	Long-term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Acute /short term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Long-term, dermal exposure	57.2 mg/kg bw/day	28.6 mg/kg bw/day
	Acute /short term, dermal exposure	80 mg/kg bw/day	40 mg/kg bw/day
	Long-term, oral exposure	-	13 mg/kg bw/day
	Acute /short term, oral exposure	-	13 mg/kg bw/day
Local effects	Long-term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Acute /short term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Long-term, dermal exposure	1.57 mg/cm <sup>2</sup>	787 µg/cm <sup>2</sup>
	Acute /short term, dermal exposure	1.57 mg/cm <sup>2</sup>	787 µg/cm <sup>2</sup>
2353-45-9 Fast Green FCF			
Systemic effects	Long-term, oral exposure	-	6 mg/kg bw/day
27176-87-0 Dodecylbenzenesulphonic acid			
Systemic effects	Long-term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Acute /short term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>

	Long-term, dermal exposure	57.2 mg/kg bw/day	28.6 mg/kg bw/day
	Acute /short term, dermal exposure	80 mg/kg bw/day	40 mg/kg bw/day
	Long-term, oral exposure	-	13 mg/kg bw/day
	Acute /short term, oral exposure	-	13 mg/kg bw/day
Local Effects	Long-term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Acute /short term, inhalation exposure	52 mg/m <sup>3</sup>	26 mg/m <sup>3</sup>
	Long-term, dermal exposure	1.57 mg/cm <sup>2</sup>	787 µg/cm <sup>2</sup>
	Acute /short term, dermal exposure	1.57 mg/cm <sup>2</sup>	787 µg/cm <sup>2</sup>

**·PNECs:**

PNEC type	Value
7757-82-6 Sodium sulphate	
Freshwater	11.09 mg/L
Intermittent releases (freshwater)	17.66 mg/L
Marine water	1.109 mg/L
Sewage treatment plant (STP)	800 mg/L
Sediment (freshwater)	40.2 mg/kg sediment dw
Sediment (marine water)	4.02 mg/kg sediment dw
25155-30-0 Sodium dodecylbenzenesulfonate	
Freshwater	693 µg/L
Intermittent releases (freshwater)	654 µg/L
Marine water	1 mg/L
Sewage treatment plant (STP)	50 mg/L
Sediment (freshwater)	27.5 mg/kg sediment dw
Sediment (marine water)	2.75 mg/kg sediment dw
2353-45-9 Fast Green FCF	
Freshwater	104.048 µg/L
Intermittent releases (freshwater)	1.04 mg/L
Marine water	10.405 µg/L
Sewage treatment plant (STP)	100 mg/L
27176-87-0 Dodecylbenzenesulphonic acid	
Freshwater	892 µg/L
Intermittent releases (freshwater)	654 µg/L
Marine water	1 mg/L
Sewage treatment plant (STP)	50 mg/L
Sediment (freshwater)	27.5 mg/kg sediment dw
Sediment (marine water)	2.75 mg/kg sediment dw
77-92-9 Citric Acid	
Freshwater	440 µg/L
Marine water	44 µg/L
Sewage treatment plant (STP)	1 g/L
Sediment (freshwater)	34.6 mg/kg sediment dw
Sediment (marine water)	3.46 mg/kg sediment dw

**·Additional information:** The lists valid during the marking were used as basis.

**·8.2 Exposure controls**

**·Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

**·Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; Take off contaminated clothing and wash it before reuse; See section 7 for information about design of technical facilities.

**·Personal protective equipment**

**·Respiration protection:** Dust mask is recommended.

**·Protection of hands:**



**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

**·Eye protection:**



**Safety glasses**

Protective goggles with side-shields.

**·Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

### ·9.1 Information on basic physical and chemical properties

**·Appearance:**

<b>Form</b>	Solid
<b>Color</b>	Green
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	Not determined
<b>pH-value</b>	6-8 at 20 °C
<b>·Change in condition</b>	
<b>Melting point/melting range</b>	Not determined
<b>Boiling point and boiling range</b>	Not determined
<b>·Freezing point</b>	Not determined
<b>·Flash point</b>	Not determined
<b>·Flammability (solid, gas)</b>	Not flammable solid
<b>·Decomposition temperature</b>	Not determined
<b>·Self-ignition</b>	Not determined
<b>·Danger of explosion</b>	Product does not present an explosive hazard.
<b>·Explosion limits</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>·Oxidizing properties</b>	Not determined
<b>·Vapor pressure</b>	Not determined
<b>·Density</b>	Not determined
<b>·Relative density</b>	Not determined
<b>·Vapor density</b>	Not determined
<b>·Evaporation rate</b>	Not determined
<b>·Solubility in/Miscibility with</b>	
<b>Water</b>	Soluble in water

·Partition coefficient (n-octanol/water)	Not determined
·Viscosity	
Dynamic	Not determined
Kinematic	Not determined
·9.2 Other information	Not determined

## SECTION 10: Stability and reactivity

- 10.1 Reactivity: No decomposition if used according to specification.
- 10.2 Chemical stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: No known hazardous reactions.
- 10.4 Conditions to avoid: High temperature.
- 10.5 Incompatible materials: Strong acids, strong bases, strong oxidizers.
- 10.6 Hazardous decomposition products: No known hazardous decomposition products.

## SECTION 11: Toxicological information

### ·11.1 Information on toxicological effects

·Acute toxicity: Harmful if swallowed. ATE(oral) LD50=1100-1200 mg/kg.

·LD/LC50 values relevant for classification: No animal test has been done for this product.

7757-82-6 Sodium sulphate		
Mouse	LD50-oral	5989 mg/kg
25155-30-0 Sodium dodecylbenzenesulfonate		
Mouse	LD50-oral	1330 mg/kg
Rat	LD50-oral	438 mg/kg
144-55-8 Sodium hydrogencarbonate		
Mouse	LD50-oral	3360mg/kg
Rat	LD50-oral	4220mg/kg
9004-82-4 Sodium alcohol ether sulphate		
Rat	LD50-oral	1600mg/kg
9004-32-4 Carboxymethyl cellulose sodium salt		
Mouse	LD50-oral	>27000mg/kg
Rat	LD50-oral	27000mg/kg
	LC50- inhalation	> 5800mg/m <sup>3</sup> /4H
Rabbit	LD50-oral	>27000mg/kg
	LD50-skin	>2000mg/kg
Guinea pig	LD50-oral	16000mg/kg
2353-45-9 Fast Green FCF		
Rat	LD50-oral	>2000 mg/kg
27176-87-0 Dodecylbenzenesulphonic acid		
Rat	LD50-oral	650 mg/kg
77-92-9 Citric Acid		
Rat	LD50-oral	3000mg/kg
Mouse	LD50-oral	5040mg/kg



Remark: All the above data are from literature.

- Skin corrosion/irritation:** Causes skin irritation.
- Serious eyes damage/ irritation:** Causes severe eye damage.
- Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- Carcinogenicity:** 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.

## SECTION 12: Ecological information

### 12.1 Toxicity

·**Aquatic toxicity:** Not hazardous to the aquatic environment.

7757-82-6 Sodium sulphate	
Short-term toxicity to fish	LC50 (48h) 7.96 g/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 3.15 g/L
	LC50 (24 h) 6.29 g/L
Long-term toxicity to aquatic invertebrates	EC50 (7 days) 1.698 - 2.156 g/L
	LC50 (7 days) 3.03 - 3.611 g/L [
Toxicity to aquatic algae and cyanobacteria	EC50 (5 days) 1.9 g/L
Toxicity to microorganisms	NOEC (37 days) 8 - 26 g/L
25155-30-0 Sodium dodecylbenzenesulfonate	
Short-term toxicity to fish	LC50 (4 days) 1.67-45.833 g/L
Long-term toxicity to fish	NOEC (28days) 150 - 3 200 µg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 2.5 - 9.5 mg/L
	LC50 (4 days) 17.429 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (28 days) 2 - 4 mg/L
	LOEC (28 days) 4 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 17.03 - 29 mg/L
	NOEC (4 days) 500 µg/L
Toxicity to microorganisms	EC50 (3 h) 500 - 723 mg/L
144-55-8 Sodium hydrogencarbonate	
Short-term toxicity to fish	LC50 (4 days) 7.1 g/L
	NOEC (4 days) 5.2 g/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 4.1 g/L
	NOEC (48 h) 3.1 g/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 576 mg/L
2353-45-9 Fast Green FCF	
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 104.048 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 200 mg/L
27176-87-0 Dodecylbenzenesulphonic acid	
Short-term toxicity to fish	LC50 (4 days) 1.67 - 10.046 mg/L
Long-term toxicity to fish	NOEC (28 days) 150 - 3 200 µg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 2.5 - 5.88 mg/L

	LC50 (4 days) 1.222 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (28 days) 2 - 4 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 12.086 - 29 mg/L NOEC (30 days) 7.346 mg/L
Toxicity to aquatic plants other than algae	EC50 (7 days) 2.7 mg/L
77-92-9 Citric Acid	
Short-term toxicity to fish	LC50 (48 h) 440 - 760 mg/L
Short-term toxicity to aquatic invertebrates	LC50 (24 h) 1.535 g/L

·12.2 Persistence and degradability: Readily degradable.

25155-30-0	Sodium dodecylbenzenesulfonate	Readily biodegradable in water
27176-87-0	Dodecylbenzenesulphonic acid	Readily biodegradable in water
77-92-9	Citric Acid	Readily biodegradable in water

·12.3 Bio-accumulative potential: Low bio-accumulation.

25155-30-0	Sodium dodecylbenzenesulfonate	Log Pow = 1.96 at 25 °C
27176-87-0	Dodecylbenzenesulphonic acid	Log Pow = 4.78 at 25 °C

·12.4 Mobility in soil: Low mobility in soil.

25155-30-0	Sodium dodecylbenzenesulfonate	Log Koc=2.009
27176-87-0	Dodecylbenzenesulphonic acid	Log Koc=3.21-3.569 at 20 °C

·12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

·12.6 Other adverse effects: No other adverse effects.

·12.7 Additional ecological information

·General notes: Water hazard class 1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

## SECTION 13: Disposal consideration

·13.1 Waste treatment methods

·Recommendation: Must not be disposed together with household garbage.

·13.2 Un-cleaned packaging

·Recommendation: Dispose of contents/container in according to the local/regional/national/ international regulation.

## SECTION 14: Transport information

·14.1 UN-Number ADR, RID, ADN, IMDG, IATA	Not regulated as dangerous transport goods, not applicable
·14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	Void
·14.3 Transport hazard class (es) ADR, RID, ADN, IMDG, IATA	
Class	Void
Label	Void

·14.4 Packing group ADR, RID, ADN, IMDG, IATA	Void
·14.5 Marine pollution	No
·14.6 Special precautions for user ·Danger code (Kemler) ·EMS number	Void Void Void
·14.7 UN "Model Regulation"	Void

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- MAK (German Maximum Workplace Concentration): None of the ingredients is listed.
- Directive 2012/18/EU
- Named dangerous substances-ANNEX I: None of the ingredients is listed.
- Seveso category: Not applicable
- Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable
- Qualifying quantity (tonnes) for the application of upper-tier requirements: Not applicable
- National regulations.
- Water hazard class: Water hazard class 1 (German Regulation) (self-assessment): Low hazard to waters.
- Other regulations, limitations and prohibitive regulations
- SVHC Candidate list of REACH Regulation Annex XIV Authorization: None of the ingredients is listed.
- REACH Regulation Annex XVII Restriction: None of the ingredients is listed.
- REACH Regulation Annex XIV Authorization List: None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safe Assessment has not been carried out.

**SECTION 16: Other information**

**Relevant phrases:**

- H302 Harmful if swallowed
- H311 Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation

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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

**DISCLAIMER OF LIABILITY:**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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·Abbreviations and acronyms:

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

**IMDG:** International Maritime Code for Dangerous Goods.

**IATA:** International Air Transport Association.

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**DNEL:** Derived No-Effect Level (REACH)

**PNEC:** Predicted No-Effect Concentration (REACH)

**PBT:** Persistent, Bio accumulative and Toxic

**SVHC:** Substance of Very High Concern

**LD50:** Lethal dose, 50 percent

**LC50:** Lethal concentration, 50 percent

**EC50:** Concentration of maximal effect, 50 percent

**NOEC:** No observed effect concentration

**Acute Tox. 3:** Acute toxicity, hazard category 3

**Acute Tox. 4:** Acute toxicity, hazard category 4

**Skin Corr. 1C:** Skin corrosion/irritation, hazard category 1C

**Skin Irrit.2:** Skin corrosion/irritation, hazard category 2

**Eye Dam. 1:** Eye damage/irritation, hazard category 1

**Eye Irrit. 2:** Eye damage/irritation, hazard category 2

**STOT SE 3:** Specific target organ toxicity after single exposure, hazard category 3

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**End of safety data sheet**