

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS Reference Number: 05926 Issue date: 4/10/2019 Revision date: 11/5/2024 Supersedes version of: 8/9/2022 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Trade name: :EC-No.: :CAS-No.: :Product code: :Type of product: :Formula: :	Substance SODIUM LAURYL SULPHATE POWDER 85% EXTRA PURE 205-788-1 151-21-3 05926 Surfactants C12H25NaSO4 CH <sub>3</sub> (CH <sub>2</sub> ) <sub>10</sub> CH <sub>2</sub> O-S-ONa
Synonyms : S	Sodium dodecyl sulphate, Dodecyl sodium sulphate, Dodecyl sulphate sodium salt
1.2. Relevant identified uses of the substance	or mixture and uses advised against
Relevant identified uses	
Use of the substance/mixture	Industrial For professional use only Laboratory chemicals Disinfectant Cleaning/washing agents and additives Surfactants
1.3. Details of the supplier of the safety data sh	neet
LOBA CHEMIE PVT.LTD. 107 Wode House Road, Jehangir Villa, Colaba 400005 Mumbai INDIA T +91 22 6663 6663, F +91 22 6663 6699 info@lobachemie.com, www.lobachemie.com	
1.4. Emergency telephone number	
Emergency number :	+ 91 22 6663 6663 (9:00am - 6:00 pm)
SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272	/2008 [CLP]
Flammable solids, Category 2 Acute toxicity (oral), Category 4 Acute toxicity (inhal.), Category 4 Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 1 Specific target organ toxicity – Single exposure, Categor	H228 H302 H332 H315 H318 Y 3, H335
Respiratory tract irritation	

Hazardous to the aquatic environment – Chronic Hazard, H412 Category 3

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Flammable solid. Toxic in contact with skin. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage.

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#### 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS02 GHS05 GHS07 Signal word (CLP) : Danger Hazard statements (CLP) : H228 - Flammable solid. H302+H332 - Harmful if swallowed or if inhaled. H315 - Causes skin irritation. H318 - Causes serious eye damage. H335 - May cause respiratory irritation. H412 - Harmful to aquatic life with long lasting effects. Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P301+P312 - IF SWALLOWED: Call doctor if you feel unwell. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTRE or doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients		
3.1. Substances		
Substance type :	Mono-constituent	
Name	Product identifier	%
SODIUM LAURYL SULPHATE POWDER 85%	CAS-No.: 151-21-3 EC-No.: 205-788-1	100

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation	: Call a poison center or a doctor if you feel unwell. : Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air
First aid massures ofter allin contact	and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	Immediately call a POISON CENTER/doctor. Specific measures (see supplemental first aid instruction on this label). Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation occurs: Wash skin with plenty of water. Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash skin with plenty of water. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.

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4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects after inhalation	: May cause respiratory irritation.	
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes skin irritation. Irritation.	
Symptoms/effects after eye contact	: Causes serious eye irritation. Serious damage to eyes.	
Symptoms/effects after ingestion	: Harmful if swallowed.	
Symptoms/effects after skin contact Symptoms/effects after eye contact	<ul><li>Harmful in contact with skin. Causes skin irritation. Irritation.</li><li>Causes serious eye irritation. Serious damage to eyes.</li></ul>	

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

Treat symptomatically.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	<ul> <li>dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder. Foam.</li> <li>Do not use extinguishing media containing water.</li> </ul>	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	<ul> <li>Flammable solid.</li> <li>May form flammable/explosive vapour-air mixture.</li> <li>Toxic fumes may be released.</li> </ul>	
5.3. Advice for firefighters		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures	S	
6.1. Personal precautions, protective equipment and emergency procedures		
General measures :	Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.	
For non-emergency personnel		
Emergency procedures :	Ventilate spillage area. Avoid contact with skin, eyes and clothing. No open flames, no sparks, and no smoking. Avoid breathing dust, mist, spray, vapours.	
For emergency responders		
Protective equipment :	Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures :	Stop release.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up		
Methods for cleaning up :	Mechanically recover the product. Clean up immediately by sweeping or vacuum. Clean contaminated surfaces with an excess of water. Notify authorities if product enters sewers	

6.4. Reference to other sections

For further information refer to section 13.

Other information

: Dispose of materials or solid residues at an authorized site.

or public waters.

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SECTION 7: Handling and storag	e
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	<ul> <li>Handle empty containers with care because residual vapours are flammable.</li> <li>No open flames. No smoking. Avoid breathing dust, mist, spray, vapours. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment.</li> <li>Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse. Always wash hands after handling the product.</li> </ul>
7.2. Conditions for safe storage, incl	uding any incompatibilities
Technical measures Storage conditions	<ul> <li>Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.</li> <li>Heat sources. Direct sunlight. Keep in fireproof place. Keep container tightly closed. Keep cool. Protect from sunlight. Keep away from ignition sources. Store locked up. Store in a well-ventilated place.</li> </ul>
7.3. Specific end use(s)	

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

#### Appropriate engineering controls

**Appropriate engineering controls:** Ensure good ventilation of the work station.

#### Personal protection equipment

#### Personal protective equipment symbol(s):



#### Eye and face protection

**Eye protection:** Chemical goggles or safety glasses. Safety glasses

Skin protection

**Skin and body protection:** Wear suitable protective clothing

Hand protection: Protective gloves

#### **Respiratory protection**

Respiratory protection: Wear a mask

#### **Environmental exposure controls**

Environmental exposure controls: Avoid release to the environment.

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SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and ch	emical properties	
Physical state	: Solid	
Colour	: White.	
Appearance	: Crystalline powder.	
Molecular mass	: 288.38 g/mol	
Odour	: faint odour.	
Odour threshold	: Not available	
Melting point	: 204 – 207 °C	
Freezing point	: Not applicable	
Boiling point	: Not available	
Flammability	: The substance or mixture is a	
	flammable solid with the subcategory 1	
Lower ovelocion limit	Flammable solid.	
Lower explosion limit	: Not applicable	
Upper explosion limit Flash point	: Not applicable : > 100 °C	
Auto-ignition temperature	: 310.5 °C	
Decomposition temperature	: Not available	
pH	: 8.5 – 10	
pH solution concentration	1 % (Aqueous solution)	
Viscosity, kinematic	: Not applicable	
Solubility	: Water: 130 g/l at 20°C - Soluble in water	
Partition coefficient n-octanol/water (Log Kow)	: Not available	
Partition coefficient n-octanol/water (Log Pow)	: 0.83 at 22°C	
Vapour pressure	: 0.002 hPa at 20°C	
Vapour pressure at 50°C	: Not available	
Density	: 0.37 g/cm <sup>3</sup>	
Relative density	: Not available	
Relative vapour density at 20°C	: Not applicable	
Particle size	: Not available	
9.2. Other information		
Other safety characteristics		
Refractive index	: 1.461	
SECTION 10: Stability and reactivity		
10.1. Reactivity		
Flammable solid.		
10.2. Chemical stability		
Flammable solid. May form flammable/explosive vapour-air mixture.		
10.3. Possibility of hazardous reactions		
No dangerous reactions known under normal conditions of use.		
10.4. Conditions to avoid		

Open flame. Overheating. Direct sunlight. Heat. Sparks. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

May release flammable gases.

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SECTION 11: Toxicological information	1
11.1. Information on hazard classes as defi	ned in Regulation (EC) No 1272/2008
Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	pH: 8.5 – 10 : Causes serious eye damage.
	pH: 8.5 – 10
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified : Not classified
Aspiration hazard	
SODIUM LAURYL SULPHATE POWDER 85	
Viscosity, kinematic	Not applicable
11.2. Information on other hazards	
Other information Potential adverse human health effects and	· Harmful if swallowed Harmful in contact with skin
Potential adverse human health effects and symptoms	: Harmful if swallowed,Harmful in contact with skin.
Potential adverse human health effects and symptoms SECTION 12: Ecological information	: Harmful if swallowed,Harmful in contact with skin.
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity	
Potential adverse human health effects and symptoms SECTION 12: Ecological information	<ul> <li>Harmful if swallowed,Harmful in contact with skin.</li> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> </ul>
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short–term (acute)	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> </ul>
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short–term (acute) Hazardous to the aquatic environment, long–term	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short–term (acute) Hazardous to the aquatic environment, long–term (chronic)	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> </ul>
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Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short–term (acute) Hazardous to the aquatic environment, long–term (chronic) 12.2. Persistence and degradability	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul>
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Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short–term (acute) Hazardous to the aquatic environment, long–term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul>
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available 12.4. Mobility in soil	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> % EXTRA PURE (151-21-3) Rapidly degradable
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available 12.4. Mobility in soil No additional information available	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> % EXTRA PURE (151-21-3) Rapidly degradable
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available 12.4. Mobility in soil No additional information available 12.5. Results of PBT and vPvB assessment	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> % EXTRA PURE (151-21-3) Rapidly degradable
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available 12.4. Mobility in soil No additional information available 12.5. Results of PBT and vPvB assessment No additional information available	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> % EXTRA PURE (151-21-3) Rapidly degradable
Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Ecology - general Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) 12.2. Persistence and degradability SODIUM LAURYL SULPHATE POWDER 85 Persistence and degradability 12.3. Bioaccumulative potential No additional information available 12.4. Mobility in soil No additional information available 12.5. Results of PBT and vPvB assessment No additional information available 12.6. Endocrine disrupting properties	<ul> <li>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> % EXTRA PURE (151-21-3) Rapidly degradable

No additional information available

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SECTION 13: Disposal considerations	3
13.1. Waste treatment methods	
Waste treatment methods Product/Packaging disposal recommendations	<ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</li> </ul>
Additional information	: Handle empty containers with care because residual vapours are flammable.

### SECTION 14: Transport information

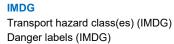
In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	<ul> <li>: UN 1325</li> </ul>
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR)	<ul> <li>FLAMMABLE SOLID, ORGANIC, N.O.S.</li> <li>UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III, (E)</li> </ul>
Transport document description (IMDG) Transport document description (IATA) Transport document description (ADN) Transport document description (RID)	<ul> <li>UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III</li> <li>UN 1325 Flammable solid, organic, n.o.s. (SODIUM LAURYL SULPHATE), 4.1, III</li> <li>UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III</li> <li>UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III</li> </ul>

#### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) Danger labels (ADR)



#### ΙΑΤΑ

Transport hazard class(es) (IATA) Danger labels (IATA)



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ADN Transport hazard class(es) (ADN) Danger labels (ADN)	: 4.1 : 4.1 :
RID Transport hazard class(es) (RID) Danger labels (RID)	: 4.1 : 4.1 :
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	: III : III : III : III : III
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant EmS-No. (Fire) EmS-No. (Spillage) Other information	<ul> <li>No</li> <li>No</li> <li>F-A</li> <li>S-G</li> <li>No supplementary information available</li> </ul>
14.6. Special precautions for user	
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR) Portable tank and bulk container special provisions (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage - Bulk (ADR) Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR)	$ \begin{array}{c} F1 \\ 274 \\ 5kg \\ E1 \\ P002, IBC08, LP02, R001 \\ B3 \\ MP10 \\ T1 \\ TP33 \\ \\ SGAV \\ AT \\ 3 \\ VC1, VC2 \\ 40 \\ \\ \hline \begin{array}{c} 40 \\ \hline \\ 40 \\ \hline \\ 1325 \\ \end{array} \end{array} $
EAC code	: 1Z
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG)	: 223, 274 : 5 kg : E1 : P002 : IBC08

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IBC special provisions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) Stowage category (IMDG) Segregation (IMDG) MFAG-No	: B3 : T1 : TP33 : B : SG72 : 134
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	: E1 : Y443 : 10kg : 446 : 25kg : 449 : 100kg : A3, A803 : 3L
Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: F1 : 274 : 5 kg : E1 : PP : 0
Rail transportClassification code (RID)Special provisions (RID)Limited quantities (RID)Excepted quantities (RID)Packing instructions (RID)Special packing provisions (RID)Mixed packing provisions (RID)Portable tank and bulk container instructions (RID)Portable tank and bulk container special provisions(RID)Tank codes for RID tanks (RID)Transport category (RID)Special provisions for carriage – Packages (RID)	: F1 : 274 : 5kg : E1 : P002, IBC08, LP02, R001 : B3 : MP10 : T1 : TP33 : SGAV : 3 : W1
Special provisions for carriage – Packages (RID) Special provisions for carriage – Bulk (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	: VC1, VC2 : CE11 : 40

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU-Regulations**

#### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
40.	SODIUM LAURYL SULPHATE POWDER 85% EXTRA PURE

#### **REACH Annex XIV (Authorisation List)**

Not listed on REACH Annex XIV (Authorisation List)

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#### **REACH Candidate List (SVHC)**

Not listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Not listed on the PIC list (Regulation EU 649/2012)

#### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

#### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### **National regulations**

#### Germany

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	<ul> <li>WGK 3, Highly hazardous to water (Classification according to AwSV).</li> <li>Is not subject to the Hazardous Incident Ordinance (12. BImSchV)</li> </ul>
Netherlands	
SZW-lijst van kankerverwekkende stoffen SZW-lijst van mutagene stoffen SZW-lijst van reprotoxische stoffen – Borstvoeding SZW-lijst van reprotoxische stoffen – Vruchtbaarheid SZW-lijst van reprotoxische stoffen – Ontwikkeling	<ul> <li>The substance is not listed</li> </ul>
Denmark Danish National Regulations 15.2 Chemical safety assessment	: Young people below the age of 18 years are not allowed to use the product

No chemical safety assessment has been carried out

#### **SECTION 16: Other information**

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:		
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Flam. Sol. 2	Flammable solids, Category 2	
H228	Flammable solid.	
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H412	Harmful to aquatic life with long lasting effects.	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.