

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11/19/2025 Version: 1.0

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

#### 1.1. Product identifier

Product form : Substance

: SODIUM LAURYL SULPHATE IP Trade name

EC-No. : 205-788-1 CAS-No. : 151-21-3 Product code : IS005

Type of product : Organic compound Formula : C12H25NaSO4

Chemical structure

Synonyms : Lauryl sulphate sodium salt, Sodium dodecyl sulphate, Dodecyl sodium sulphate, Dodecyl

sulphate sodium salt, SLS, SDS

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

#### Relevant identified uses

Use of the substance/mixture : Laboratory chemicals

Manufacture of substances

Surfactants Disinfectant

Cleaning/washing agents and additives

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

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

: + 91 22 6663 6663 (9:00am - 6:00 pm) **Emergency number** 

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable solids, Category 1 H228 Acute toxicity (oral), Category 4 H302 Acute toxicity (inhal.), Category 4 H332 Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 1 H318 Specific target organ toxicity - Single exposure, Category 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. Harmful if inhaled. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

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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 a POISON CENTRE or 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

No additional information available

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Substance type : Mono-constituent

| Name                   | Product identifier                     | %   |
|------------------------|--|-----|
| SODIUM LAURYL SULPHATE | CAS-No.: 151-21-3<br>EC-No.: 205-788-1 | 100 |

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off 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. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First-aiders should pay attention to their own protection and use the recommended personal

protective equipment (see section 8).

## 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : Harmful if inhaled. May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation.

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Symptoms/effects after eye contact : Serious damage to eyes. Symptoms/effects after ingestion : Harmful if swallowed.

#### 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 : Water spray. Dry powder. Foam. Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable solid.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

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**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent

material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing

dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

Avoid release to the environment.

## 6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public

waters.

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

#### 6.4. Reference to other sections

For further information refer to section 13.

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

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Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Ground/bond container and receiving equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin

and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Keep cool. Protect from sunlight. Keep away from ignition sources. Store locked up. Store in

a well-ventilated place. Keep container tightly closed.

Packaging materials : Store always product in container of same material as original container.

**Switzerland** 

Storage class (LK) : LK 4.1 - Flammable solids

## 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:

Wear recommended personal protective equipment.

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







#### Eye and face protection

## Eye protection:

Chemical goggles or safety glasses

#### Skin protection

#### Skin and body protection:

Wear a mask

## Hand protection:

Protective gloves

#### **Respiratory protection**

#### Respiratory protection:

Wear appropriate 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 chemical properties

Physical state : Solid Colour White.

**Appearance** Crystalline powder or crystals.

Molecular mass 288.38 g/mol Odour slight fatty odour. Odour threshold Not available Melting point 204 - 207 °C Freezing point Not applicable Boiling point : Not available : Flammable solid. Flammability Lower explosion limit : Not applicable Upper explosion limit : Not applicable : > 100 °C Flash point Auto-ignition temperature : 310.5 °C Decomposition temperature : Not available

: 8.5 – 10.5 pH solution concentration : 1%

Viscosity, kinematic : Not applicable

: Water: 130 g/l at 20°C - Soluble in water Solubility

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

No additional information available

## **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

Flammable solid.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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#### **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined 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.

pH: 8.5 - 10.5

Serious eye damage/irritation : Causes serious eye damage.

pH: 8.5 – 10.5

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
Aspiration hazard : Not classified

## **SODIUM LAURYL SULPHATE IP (151-21-3)**

Viscosity, kinematic Not applicable

#### 11.2. Information on other hazards

No additional information available

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

## 12.2. Persistence and degradability

## **SODIUM LAURYL SULPHATE IP (151-21-3)**

Persistence and degradability Rapidly degradable

## 12.3. Bioaccumulative potential

## **SODIUM LAURYL SULPHATE IP (151-21-3)**

Partition coefficient n-octanol/water (Log Pow) 0.83 at 22°C

## 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

No additional information available

## 12.7. Other adverse effects

No additional information available

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## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal. Disposal must be done

according to official regulations.

Additional information : Do not re-use empty containers.

## **SECTION 14: Transport information**

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

#### 14.1. UN number or ID number

 UN-No. (ADR)
 : UN 1325

 UN-No. (IMDG)
 : UN 1325

 UN-No. (IATA)
 : UN 1325

 UN-No. (ADN)
 : UN 1325

 UN-No. (RID)
 : UN 1325

## 14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE SOLID, ORGANIC, N.O.S. Proper Shipping Name (IMDG) : FLAMMABLE SOLID, ORGANIC, N.O.S.

Proper Shipping Name (IATA) : Flammable solid, organic, n.o.s.

Proper Shipping Name (ADN) : FLAMMABLE SOLID, ORGANIC, N.O.S.
Proper Shipping Name (RID) : FLAMMABLE SOLID, ORGANIC, N.O.S.

Transport document description (ADR) (ADR) : UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III,

(E)

Transport document description (IMDG) : UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (SODIUM LAURYL SULPHATE), 4.1, III

Transport document description (IATA) : UN 1325 Flammable solid, organic, n.o.s. (SODIUM LAURYL SULPHATE), 4.1, III

Transport document description (ADN)

: UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, III

Transport document description (RID)

: UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, III

## 14.3. Transport hazard class(es)

#### **ADR**

Transport hazard class(es) (ADR) : 4.1 Danger labels (ADR) : 4.1



## **IMDG**

Transport hazard class(es) (IMDG) : 4.1
Danger labels (IMDG) : 4.1



#### IATA

Transport hazard class(es) (IATA) : 4.1

Danger labels (IATA) : 4.1

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## **ADN**

Transport hazard class(es) (ADN) : 4.1 Danger labels (ADN) : 4.1



#### **RID**

Transport hazard class(es) (RID) : 4.1
Danger labels (RID) : 4.1



## 14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

## 14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-G

Other information : No supplementary information available

#### 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : F1
Special provisions (ADR) : 274
Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : B3
Mixed packing provisions (ADR) : MP10
Portable tank and bulk container instructions (ADR) : T1
Portable tank and bulk container special provisions : TP33

(ADR)

Tank code (ADR) : SGAV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Bulk (ADR) : VC1, VC2

Hazard identification number (Kemler No.) : 40

Orange plates :

40 1325

Tunnel restriction code (ADR) : E EAC code : 1Z

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#### Transport by sea

Special provisions (IMDG) : 223.274 Limited quantities (IMDG) : 5 kg Excepted quantities (IMDG) E1 Packing instructions (IMDG) P002 IBC packing instructions (IMDG) IBC08 IBC special provisions (IMDG) B3 Tank instructions (IMDG) T1 Tank special provisions (IMDG) TP33 Stowage category (IMDG) : B Segregation (IMDG) : SG72

#### Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y443 PCA limited quantity max net quantity (IATA) : 10kg PCA packing instructions (IATA) : 446 PCA max net quantity (IATA) : 25kg CAO packing instructions (IATA) : 449 CAO max net quantity (IATA) : 100kg Special provisions (IATA) : A3, A803 ERG code (IATA) : 3L

#### **Inland waterway transport**

Classification code (ADN) : F1
Special provisions (ADN) : 274
Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

#### Rail transport

Classification code (RID) : F1
Special provisions (RID) : 274
Limited quantities (RID) : 5kg
Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : B3
Mixed packing provisions (RID) : MP10
Portable tank and bulk container instructions (RID) : T1
Portable tank and bulk container special provisions : TP33

(RID)

Tank codes for RID tanks (RID) : SGAV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W1

Special provisions for carriage – Bulk (RID) : VC1, VC2

Colis express (express parcels) (RID) : CE11

Hazard identification number (RID) : 40

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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## **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 IP |

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

Not listed on REACH Annex XIV (Authorisation List)

#### **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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

#### Council Regulation (EC) for the control of dual-use items

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

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

Not listed on the Explosives Precursors list (EU)

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

Not listed on the Drug Precursors list (EU)

#### **National regulations**

#### **Austria**

Ordinance on Flammable Liquids (VbF) : Not classified.

## Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG).

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV; ID No. 664).

Major Accidents Ordinance (12. BImSchV) : Is listed in the Major Accidents Ordinance (12. BImSchV

| Major Accidents Ordinance (12. BlmSchV) : Is listed in the Major Accidents Ordinance (12. BlmSchV) |      |       |              |               |
|--|------|-------|--------------|---------------|
| Major Accidents Ordinance (12. BlmSchV)  |      |       |              |               |
| Number   | Code | Title | Lower-tier   | Upper-tier    |
| 1.1.1  |      |       | 5,000 kg     | 20,000 kg     |
| 1.1.2  |      |       | 50,000 kg    | 200,000 kg    |
| 1.1.3  |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.1.1  |      |       | 10,000 kg    | 50,000 kg     |
| 1.2.1.2  |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.2  |      |       | 10,000 kg    | 50,000 kg     |
| 1.2.3.1  |      |       | 150,000 kg   | 500,000 kg    |
| 1.2.3.2  |      |       | 5,000,000 kg | 50,000,000 kg |

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| Major Accidents Ordinance (12. BlmSchV) |      |       |              |               |
|---|------|-------|--------------|---------------|
| Number                                  | Code | Title | Lower-tier   | Upper-tier    |
| 1.2.4                                   |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.5.1                                 |      |       | 10,000 kg    | 50,000 kg     |
| 1.2.5.2                                 |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.5.3                                 |      |       | 5,000,000 kg | 50,000,000 kg |
| 1.2.6.1                                 |      |       | 10,000 kg    | 50,000 kg     |
| 1.2.6.2                                 |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.7                                   |      |       | 50,000 kg    | 200,000 kg    |
| 1.2.8                                   |      |       | 50,000 kg    | 200,000 kg    |
| 1.3.1                                   |      |       | 100,000 kg   | 200,000 kg    |
| 1.3.2                                   |      |       | 200,000 kg   | 500,000 kg    |
| 1.4.1                                   |      |       | 100,000 kg   | 500,000 kg    |
| 1.4.2                                   |      |       | 100,000 kg   | 500,000 kg    |
| 1.4.3                                   |      |       | 50,000 kg    | 200,000 kg    |
| 2.1                                     |      |       | 50,000 kg    | 200,000 kg    |
| 2.11                                    |      |       | 5,000 kg     | 50,000 kg     |
| 2.3.1                                   |      |       | 2,500,000 kg | 25,000,000 kg |
| 2.3.2                                   |      |       | 2,500,000 kg | 25,000,000 kg |
| 2.3.3                                   |      |       | 2,500,000 kg | 25,000,000 kg |
| 2.3.4                                   |      |       | 2,500,000 kg | 25,000,000 kg |
| 2.3.5                                   |      |       | 2,500,000 kg | 25,000,000 kg |
| 2.30                                    |      |       | 200,000 kg   | 500,000 kg    |
| 2.31                                    |      |       |              | 1,000 kg      |
| 2.35                                    |      |       |              | 1 kg          |
| 2.43.3                                  |      |       | 10,000 kg    | 100,000 kg    |
| 2.7                                     |      |       | 1,000 kg     | 2,000 kg      |
| 2.8                                     |      |       |              | 100 kg        |

# **Netherlands**

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling

: The substance is not listed : The substance is not listed

: The substance is not listed

: The substance is not listed

#### **Denmark**

**Danish National Regulations** : Young people below the age of 18 years are not allowed to use the product

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#### **Poland**

Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).

Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended). Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

#### **Spain**

Royal Decree 665/1997

: Is not subject to the Royal Decree 665/1997

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ACGIH                       | American Conference of Government Industrial Hygienists   |
| 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)   |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD                         | Chemical oxygen demand (COD)  |
| CSA                         | Chemical safety assessment  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |

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| Abbreviations and acronyms: |  |  |
|-----------------------------|--|--|
| ED                          | Endocrine disruptor  |  |
| EN                          | European Standard  |  |
| EWC                         | European waste catalogue   |  |
| IARC                        | International Agency for Research on Cancer                                  |  |
| IATA                        | International Air Transport Association                                      |  |
| IMDG                        | International Maritime Dangerous Goods                                       |  |
| LC50                        | Median lethal concentration  |  |
| LD50                        | Median lethal dose   |  |
| LOAEL                       | Lowest Observed Adverse Effect Level   |  |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |  |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |  |
| MAK                         | maximum workplace concentration  |  |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |  |
| NOAEL                       | No-Observed Adverse Effect Level   |  |
| NOEC                        | No-Observed Effect Concentration   |  |
| N.O.S.                      | Not Otherwise Specified  |  |
| OECD                        | Organisation for Economic Co-operation and Development                       |  |
| OEL                         | Occupational Exposure Limit  |  |
| OSHA                        | Occupational Safety & Health Administration                                  |  |
| PBT                         | Persistent Bioaccumulative Toxic   |  |
| PNEC                        | Predicted No-Effect Concentration  |  |
| PPE                         | Personal protection equipment  |  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |  |
| SDS                         | Safety Data Sheet  |  |
| STP                         | Sewage treatment plant   |  |
| TF                          | Technical function   |  |
| ThOD                        | Theoretical oxygen demand (ThOD)   |  |
| TLM                         | Median Tolerance Limit   |  |
| TWA                         | Time Weighted Average  |  |
| VOC                         | Volatile Organic Compounds   |  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |  |
| UFI                         | Unique Formula Identifier  |  |

| 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. 1                        | Flammable solids, Category 1                                      |

# 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 |
| 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 (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.