

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name: Sodium Lauryl Ether Sulphate 27%

REACH registered number(s): 01-2119488639-16

CAS number: 68891-38-3

EINECS number: 500-234-8

Synonyms: ALKYL ETHER SULPHATE C12-14, ETHOXYLATED, SODIUM SALT

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products). ERC6a:
Industrial use resulting in manufacture of another substance (use of intermediates)

1.3. Details of the supplier of the safety data sheet

Company name: HD Chemicals LTD

9 Scott

Business Park

United Kingdom

Email: contact@hdchemicals.co.uk

1.4. Emergency telephone number**Section 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification under CLP: Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Eye Dam. 1: H318

Most important adverse effects: Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H318: Causes serious eye damage.

H315: Causes skin irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark





Signal words: Warning

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash contaminated skin thoroughly after handling.
P273: Avoid release to the environment.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313: If skin irritation occurs: Get medical advice/attention.
P337+313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing.
P501: Dispose of contents/container to appropriate authorities.

2.3. Other hazards

Other hazards: No data available.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SOLA

CAS number: 68891-38-3

EINECS number: 500-234-8

REACH registered number(s): 01-2119488639-16

Contains: *

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Give 1 cup of water to drink every 10 minutes.

Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Delayed / immediate effects: No symptoms.

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

Immediate / special treatment: No data available.



Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Evolution of fumes/ fog.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Wear suitable protective clothing.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS. Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Take precautionary measures against static discharges. Use non-sparking tools. Avoid all sources of ignition: heat, sparks, open flame

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, well ventilated area. Storage Temperature:
0- <= 50 oC

Suitable packaging: High-density polyethylene.

7.3. Specific end use(s)

Specific end use(s): See the technical data sheet on this product for further information.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

CENTRADET ES27

Type	Exposure	Value	Population	Effect
DNEL	Dermal	2750 mg/kg	Workers	Systemic
DNEL	Inhalation	175 mg/m ³	Workers	Systemic
DNEL	Dermal	1650 mg/kg	Consumers	Systemic
DNEL	Inhalation	52 mg/kg	Consumers	Systemic
DNEL	Oral	15 mg/kg	Consumers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: PVC gloves. Breakthrough time of the glove material > 4 hours.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Solubility in water: Soluble

Boiling point/range°C: >100

Flash point°C: >100

Autoflammability°C: 250

Relative density: 1.03-1.06 g/cm³

pH: 10-11.5

9.2. Other information

Other information: Pour Point: >=0 oC Decomposition Point: >206 oC

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: See section 7.

10.5. Incompatible materials

Materials to avoid: No substances that should be avoided.

10.6. Hazardous decomposition products

Haz. decomp. products: No hazardous decomposition products if stored and handled as prescribed/ indicated.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>5000	mg/kg
DERMAL	RAT	LD50	>5000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Delayed / immediate effects: No symptoms.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Leuciscus Idus	LC50	>10-100	mg/l
Daphnia magna	EC50	>10-100	mg/l
Scenedesmus subspicatus	EC50	>100	mg/l
Pseudomonas putida	EC50	>100	mg/l

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.



12.3. Bioaccumulative potential

Bioaccumulative potential: Slight accumulation in organisms is not to be expected.

12.4. Mobility in soil

Mobility: Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Must be disposed of or incinerated in accordance with local regulations.

Recovery operations: Not applicable.

Disposal of packaging: Must be disposed of in accordance with local and national regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.