

	MATERIAL SAFETY DATA SHEET	MSDS No.	M-01
	Sodium Lauryl Ether Sulfate 70%	Effective From	20/12/2021

Section 1 Identification of the substance/mixture and of the company/undertaking

Identification on the label/Trade name: RSAW ESB70/ZA
 Additional identification: Not available
 Identification of the product: See section 3
 Index Number: Not available
 REACH registration No.: 01-2119488639-16-XXXX

1.1 Relevant identified uses of the substance and uses advised against:

1.1.1 Identified uses:

Toiletry.

1.1.2 Uses advised against:

Not available

1.2 Details of the supplier of the safety data sheet:

Supplier(Only representative): Chemical Inspection & Regulation Service Ltd
 Supplier(Supplier): Bloomchemag BV
 Address: Sint - Antoniusstraat 16 b1, B-2400 Mol, Belgium.
 +91 72919 74484 / 72919 74050
 Contact person(E-mail): info@bloomchemag.com

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
Skin Irrit. 2	H315
Eye Dam. 1	H318
Aquatic Chronic 3	H412

For full text of H- phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms:**Signal Word(S):**

Danger

Hazard Statement:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statement:

P264: Wash thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P501: Dispose of contents/container in accordance with local regulation.

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients**Substance/Mixture:**

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	classifications
SODIUM LAURETH SULFATE	N/A	68585-34-2/688 91-38-3	500-223-8/5 00-234-8	70%	H315 H318 H412
Water	N/A	7732-18-5	231-791-2	27%	Not Classified
2-[2-[2-(dodecyloxy)ethoxy]ethoxy]ethanol	N/A	3055-94-5	221-280-2	2%	H318 H400
Other	N/A	N/A	N/A	1%	Not available

1 percent of the mixture consists of component (s) of unknown toxicity.

Section 4 First aid measures**4.1 Description of first aid measures:**

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

If respiratory irritation occurs, remove individual to fresh air.

4.1.2 In case of skin contact:

Rinse with water. Take off all clothing contaminated by the product.

4.1.3 In case of eyes contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

4.1.4 In case of ingestion:

Rinse the mouth. Drink 1-2 glasses of water.

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

Causes skin irritation. Causes serious eye damage.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Foam, extinguishing powder, carbon dioxide, water spray jet.

Unsuitable extinguishing media: High pressure water jet.

5.2 Special hazards arising from the substance or mixture

Not available.

5.3 Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Avoid contact with skin and eyes. Refer to section 8 of SDS for personal protection details.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if vapor is generated.

6.2 Environmental Precautions:

Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for Containment and Cleaning up:

Remove with liquid-absorbing material (sand, peat, sawdust).

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 information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: Ensure good ventilation/suction at the workplace. Avoid open flames.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed and store in a frost free place. < + 30 °C

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to

keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection:	Goggles which can be tightly sealed.
Hand protection:	Suitable protective gloves, for example from Camatril Velours/ nitrile/ 0,4mm / Level 6 > 480 min. In case of full contact.
Body protection:	Suitable protective clothing.
Respiratory protection:	Not necessary.
Thermal hazards:	Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:	Avoid discharge into the environment. According to local regulations, Federal and official regulations.
---	--

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Viscous liquid
Colour:	Yellowish
Odour:	Characteristic
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	> 300 °C(CAS#68891-38-3)
Boiling point/range (°C):	> 400 °C(CAS#68891-38-3)
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (38°C):	Not available
Vapour density:	Not available
Density:	Not available
Bulk density (kg/m³):	1.08 g/cm ³ (22 °C) (CAS#68891-38-3)
Water solubility (g/l):	Not available
n-Octanol/Water (log Po/w):	log Pow=0.3(23 °C) (CAS#68891-38-3)
Auto-ignition temperature:	250 °C (CAS#68891-38-3)
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2. Other information:

Fat solubility(solvent– oil to be specified)	Not available
etc:	
Surface tension:	33 mN/m (25 °C) (CAS#68891-38-3)

Dissociation constant in water(pKa): <= 2 (23 °C) (CAS#68891-38-3)
Oxidation-reduction Potential: Not available
Specific gravity: Not available

Section 10 Stability and reactivity

10.1 Reactivity: The substance is stable under normal storage and handling conditions.
10.2 Chemical stability: Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions: No dangerous reactions known.
10.4 Conditions to avoid: Incompatible materials.
10.5 Incompatible materials: None in particular.
10.6 Hazardous decomposition products: Not available.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

SODIUM LAURETH SULFATE (CAS#68891-38-3)

LD50(Oral, Rat): 4100 mg/kg bw

LD50(Dermal, Rat): > 2000 mg/kg bw

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Section 12 Ecological information

12.1 Toxicity:

SODIUM LAURETH SULFATE (CAS#68891-38-3)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	7.1 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	7.2 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	27 mg/L	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability: SODIUM LAURETH SULFATE (CAS#68891-38-3): Readily biodegradable.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT&vPvB assessment: Not available.

12.6 Other adverse effects: Harmful to aquatic life with long lasting effects.

Section 13 Disposal considerations

13.1 Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Section 14 Transport information			
	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

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

Relevant information regarding authorization:

Not applicable.

Relevant information regarding restriction:

Not applicable.

Other EU regulations:

Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations:

Not applicable

15.2 Chemical Safety Assessment has been carried out?

YES

NO

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.