

Safety data sheet

Example

Version 1.0

Effective date: 14-08-2024

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Trade name: Example

Article number: X

UFI: X

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

Product use: Example

1.3 Details of the supplier of the safety data sheet:

Company: Example

1.4 Emergency telephone number:

Use your national or local emergency number.
United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture according to CLP No 1272 / 2008/GB CLP.

Skin Irrit. 2; H315, Eye Dam. 1; H318.

2.2 Label elements CLP No 1272/2008/GB CLP.

Hazard pictograms:



Signal word:

Danger

Contains: Sodium dodecyl sulfate, Sodium N-(2-carboxyethyl)- N-dodecyl- β -alaninate.

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

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Precautionary statements:

General:

P102 Keep out of reach of children.

Prevention:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

Response:

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 or doctor/physician.

Storage:

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Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

Additional labelling regulation No 648/2004:

Contains 5 < 15% anionic surfactants, <5 % amphoteric surfactants.

2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

The product is a mixture.

3.2 Mixtures:

CAS/EC No	REACH No	Name	Content %	Classification
14960-06-6 / 239-032-7	Exempted	Sodium N-(2-carboxyethyl)- N-dodecyl- β -alaninate	10	Skin Irrit. 2; H315, Eye Dam. 1; H318.
151-21-3 / 205-788-1	Exempted	Sodium dodecyl sulfate	5	Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Dam. 1; H318.
34590-94-8 / 252-104-2	Exempted	(2-methoxymethylethoxy) propanol	5	Not classified

See full text of H-phrases in section 16. Occupational limits are listed in section 8 if these are available.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures.

Inhalation:	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact:	Wash skin with plenty of soap and water. Seek doctor if irritation persist.
Eye contact:	Remove contact lenses. Flush eyes with plenty of water for several minutes. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.
Ingestion:	Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.

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

Ingestion May irritate the digestive system.
Skin contact Skin irritation.
Eye contact May cause severe eye damage.

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

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water spray, dry chemical, carbon dioxide (CO₂) or chemical foam.

Unsuitable extinguishing media:

Water jets should not be used, since they can spread the fire.

5.2 Special hazards arising from the substance or mixture:

Decomposes at high temperatures, resulting in toxic and corrosive gasses. Containers may explode when heated. Flash point: >110°C.

5.3 Advice for firefighters:

Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

See section 8 for personal protection.
Avoid contact with skin and eyes

6.2 Environmental precautions:

Avoid spill to environment.

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6.3 Methods and material for containment and cleaning up:

Small spills: wipe up with absorbent material (e.g. cloth, fleece).

Large spills: Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable closed container for disposal, according to local regulations. Then rinse the spillage site with plenty of water. Dispose of in accordance with section 13.

6.4 Reference to other sections:

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See section 8 for personal protection.

Avoid contact with skin and eyes.

Good personal hygiene practices should always be observed when working with chemical products.

7.2 Conditions for safe storage, including any incompatibilities:

Container must be kept tightly closed when not in use.

7.3 Specific end use(s):

The identified uses for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH-40 (Great Britain):

(2-methoxymethylethoxy) propanol – CAS 34590-04-8 - Sk:

Long-term exposure limit – 8 h.: 50 ppm

Long-term exposure limit – 8 h.: 308 mg/m³

Comments Sk: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

DNEL / PNEC:

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8.2 Exposure controls.

Appropriate technical measures:

Good room ventilation.

General information:

Make sure that eyewash station is available.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.



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Respiratory protection:	Not necessary.
Hand protection:	Wear gloves. EN 374. Option: Nitrile gloves: ≥ 120 min. Thickness: ≥ 0.25 mm.
Eye protection:	Wear tightly safety goggles. EN 166.
Body protection:	Normal work clothing.
Measures to avoid environmental exposure:	No special precautions are necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Physical state:	Liquid
Colour:	Transparent
Odour:	Mild
Melting point/freezing point:	$< 0^{\circ}\text{C}$
Boiling point:	Not relevant/no data
Flammability:	Not relevant/no data
Lower and upper explosion limit:	No hazard
Flash point:	$> 110^{\circ}\text{C}$
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	6 - 7
Kinematic viscosity:	Not relevant/no data
Solubility:	Soluble in water
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	> 1 g/mL
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

None.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:	No dangerous reaction known under conditions of normal use and storage.
10.2 Chemical stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	None known.
10.4 Conditions to avoid:	None known.
10.5 Incompatible materials:	Strong oxidizing agents.

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10.6 Hazardous decomposition products:

None at recommended storage conditions.

The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.

Acute toxicity:	Not classified. Product ATE: Oral: >5000 mg/kg Sodium dodecyl sulfate - CAS 151-21-3 (5%): Oral - LD50 - Rat: 1288 mg/kg
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitisation:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Other information:

Ingestion May irritate the digestive system.
Skin contact Skin irritation.
Eye contact May cause severe eye damage.

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SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: Not classified as dangerous for the environment.

Sodium dodecyl sulfate - CAS 151-21-3 (5%):

Fish - LC50 - 96 h: 1.48 mg/L

Daphnia - EC50 - 48 h: 1.8 mg/L

Algae - IC50 - 72 h: 18.8 mg/L

12.2 Persistence and degradability:

Sodium dodecyl sulfate - CAS 151-21-3 (5%):

90 - 96% - 28 days - OECD 301E - readily biodegradable.

12.3 Bioaccumulative potential:

Sodium dodecyl sulfate - CAS 151-21-3 (5%):

BCF: 19

Log Pow: 1.6.

12.4 Mobility in soil:

The product contains substances that are soluble in water and spread in the aquatic environment.

12.5 Result of PBT and vPvB assesment:

This substance does not meet the criteria for PBT or vPvB according to regulation.

12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid release to the environment.

Dispose in a safe manner in accordance with local/national regulations.

The coding of a waste stream is based on the application of the product by the consumer – end-user.

Option:

EWC-code:

20 01 29* detergents containing dangerous substances.

Contaminated packing:

Properly cleaned container is disposed of according to packaging material.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant

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14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class(es)	Not relevant	Not relevant
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No Not relevant	No Not relevant
Other informations	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

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

Sources: Current ADR regulations 2024. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

Other information:

People under the age of 18 must not work with this product cf. Council Directive 94/33/EC.

15.2 Chemical safety assessment:

Not necessary.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

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

Additional information:

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

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Descriptions of possible used abbreviations:

BCF Bioconcentration factor.

BOD Biochemical Oxygen Demand.

CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).

COD Chemical oxygen demand.

DNEL Derived No-Effect Level.

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.

IMDG International Maritime Dangerous Goods Code.

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.

log KOW n-Octanol/water.

MARPOL International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").

PBT Persistent, Bioaccumulative and Toxic.

PNEC Predicted No-Effect Concentration.

UN RTDG UN Recommendations on the Transport of Dangerous Good.

vPvB Very Persistent and very Bioaccumulative.

Validated by:

SRS

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