



Safety Data Sheet

According to Regulation (EC) no. 1907/2006

Product Name
Sodium Heptadecyl Sulfate

1.0 Chemical product and company identification

1.1 Product Identifier

MSDS Name: Sodium Heptadecyl Sulfate
Substance name: Sodium Heptadecyl Sulfate
CAS No: 5910-79-2
PRODUCT CODE:

1.2 Details of the supplier of the safety data sheet

Company Identification:
SOLUMETRICS LTD,
UNIT 1B SILEBY ROAD INDUSTRIAL ESTATE. BARROW ON SOAR, LEIC'S. LE12 8LP.
For information call. +44 (0)1509 815348
For emergencies call. +44 (0)1509 815348
For Email. techinfo@solumetrics.com

2.0 Possible Hazards

Classification of the substance or mixture

Classification according to regulation (EC) No 1271/2008 (CLP/GHS)
SERIOUS EYE IRRITATION (CATEGORY 2) H318
SKIN IRRITATION (CATEGORY 2) H315
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS H412

2.2 Label Elements

Hazard Pictogram :



Hazard Statements :

SERIOUS EYE IRRITATION (CATEGORY 2) H318
SKIN IRRITATION (CATEGORY 2) H315
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS H412

Precaution Statements :

P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
P302+P352 IF ON SKIN: Wash with plenty of water
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
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/doctor

2.3 Other Hazards - None

3.0 COMPOSITIONAL INFORMATION

3.1 Substances

Synonyms: Sodium Heptadecyl Sulfate
Formula: No data
Molecular Weight: No data
CAS-No: 5910-79-2
EC-No: No data

Hazardous Ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Sodium Heptadecyl Sulfate	Sodium Heptadecyl Sulfate	100%

4.0 First Aid measures

4.1 Description of first aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance
If Inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin contact:	Wash off immediately with soap and plenty of water Obtain medical attention
In case of eye contact:	Immediately flush with copious amounts of water for at least 15 minutes occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.
If Swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
4.2 Most important symptoms and effects, both acute and delayed	No Data Available
4.3 Indication of any immediate medical attention and special treatment needed	No Data Available

5.0 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing Media:	Use Water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Un-Suitable extinguishing Media:	No information Available
5.2 Special hazards arising from the substance or mixture	No Data available
5.3 Advice for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary
5.4 Further Information:	No Data available

6.0 Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
6.2 Environmental precautions:	Do not let product enter drains
6.3 Methods and materials for containment and cleaning up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7.0 Handling and storage

7.1 Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
7.2 Conditions for safe storage, including and incompatibilities	Store in cool place. Keep container tightly closed in dry and well-ventilated place
Advice on safe handling:	Wear personal Protective equipment ensure adequate ventilation do not get in eyes, on skin, or on clothing Avoid ingestion and inhalation avoid dust formation
Hygiene measures:	Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. Use adequate ventilation to keep airborne concentrations low.
7.3 Specific end uses	No data available

8.0 Exposure controls/ personal protection

8.1 Control parameters	
Components with work place control parameters	Contains no substances with occupational exposure limit values.

Sodium Heptadecyl Sulfate

8.2 Exposure Controls Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Personal Protective Equipment

Eye/Face Protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full Contact
Material - Nitrile rubber
Minimum layer thickness - 0.11 mm
Break through times - 480 mm

Splash Contact
Material - Nitrile Rubber
Minimum layer thickness - 0.11 mm
Break through time - 30 mm

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific scenario.

Body Protection

Complete suit protecting against chemicals. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9.0 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	No Date Available
Colour	No Date Available
Odour	No Date Available
Odour Threshold	No Date Available
pH	No Date Available
Melting point/ freezing point	No Date Available
Initial boiling point and boiling range	No Date Available
Flash point	No Date Available
Evaporation rate	No Date Available
Flammability (solids, gas)	No Date Available
Upper/lower flammability or explosive limits	No Date Available
Vapour	No Date Available
Vapour	No Date Available
Relative Density	No Date Available
Water Solubility	No Date Available
Partition coefficient: n- Octanol/ water	No Date Available
Autoignition temperature	No Date Available
Decomposition	No Date Available
Viscosity	No Date Available
Explosive properties	No Date Available
Oxidizing properties	No Date Available

10.0 Stability and reactivity

10.1 Reactivity

No Date Available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Hazardous Reactions

No Date Available

Hazardous reaction:

No Date Available

10.4 Conditions to avoid

No Date Available

10.5 Incompatible materials

Materials to avoid:	No Data Available
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10.6 Hazardous decomposition products	No Data Available
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11.0 Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

LD50 Oral - rat - 1950 mg/kg

Remarks. Behavioral: Somnolence (general depressed activity) Gastrointestinal disturbance Diarrhoea

Skin corrosion/ irritation	No Data Available
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Serious eye damage/eye irritation	No Data Available
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Respiratory or Skin sensitization	No Data Available
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Germ cell mutagenicity	No Data Available
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Carcinogenicity	No Data Available
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Reproductive toxicity	No Data Available
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Specific target organ toxicity - single exposure	No Data Available
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Specific target organ toxicity - repeated exposure	No Data Available
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Aspiration Hazard	No Data Available
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Signs and symptoms of exposure	No Data Available
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12.0 Ecological Information

12.1 Toxicity	Toxicity to fish - No Data Toxicity to daphnia and other aquatic invertebrates - No Data Toxicity to algae - No Data Toxicity to microorganisms - No Data
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12.2 Persistence and degradability	No Data Available
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12.3 Bioaccumulative potential	No Data Available
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12.4 Mobility in soil	No Data Available
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12.5 Results of PBT and vPvB assessment	No Data Available
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13.0 Disposal considerations

13.1 Waste treatment methods

Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber
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Contaminated Packaging	Dispose of as unused product
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14.0 Transport information

IMDG/IMO

UN Number	Not Dangerous Goods
Hazard Class	Not Dangerous Goods
Packing Group	Not Dangerous Goods
Proper Shipping Name	Not Dangerous Goods

ADR

UN Number	Not Dangerous Goods
Hazard Class	Not Dangerous Goods
Packing Group	Not Dangerous Goods
Proper Shipping Name	Not Dangerous Goods

IATA

UN Number	Not Dangerous Goods
Hazard Class	Not Dangerous Goods
Packing Group	Not Dangerous Goods
Proper Shipping Name	Not Dangerous Goods

15.0 Regulatory Information

This safety datasheet complies with the requirement of regulation (EC) No. 1907/2006

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

No Data Available

15.2 Chemical Safety Assessment

No Data Available

Other information

Section 16: Other information

Hazard Statements :

SERIOUS EYE IRRITATION (CATEGORY 2) H318
SKIN IRRITATION (CATEGORY 2) H315
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS H412

This information is based upon Solumetrics Ltd Knowledge of this product at the time this Safety Data Sheet was prepared. It is given in good faith and no warranty is implied. The information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The user must satisfy him/herself as to the purpose this product is put to and the possible change in classification should this product be mixed or formulated with other compounds