

## Safety Data Sheet Sodium Lauryl Sulfate (SLS)

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Sodium Lauryl Sulfate (SLS)
Product number	chem-46
Brand	Bulk Apothecary

#### 1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

#### 1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

### SECTION 2: Hazard identification

#### General hazard statement

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 2B
- Skin corrosion/irritation, Cat. 2

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Hazard statement(s)

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H302	Harmful if swallowed
H320	Causes eye irritation
H315	Causes skin irritation

### Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,
P330	Rinse mouth.
P501	Dispose of contents/container to ...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P280	Wear protective gloves.
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.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Sodium dodecyl sulfate

Concentration	95 % (weight)
EC no.	205-788-1
CAS no.	151-21-3

- Flammable solids, Cat. 2
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment, long-term (chronic), Cat. 3
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Hazardous to the aquatic environment, short-term (acute), Cat. 2

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
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

## SECTION 4: First-aid measures

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### 4.1 Description of necessary first-aid measures

General advice	If symptoms persist, call a physician.
If inhaled	Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
In case of skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
If swallowed	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Flammable. Dust can form an explosive mixture in air. Keep product and empty container away from heat and sources of ignition.

### 5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6: Accidental release measures

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

Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Should not be released into the environment.

### 6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Keep in suitable, closed containers for disposal.

## SECTION 7: Handling and storage

### 7.1 Precautions for 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.

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Flammables area.

## SECTION 8: Exposure controls/personal protection

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### 8.2 Appropriate engineering controls

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Tightly fitting safety goggles.

#### Skin protection

Long sleeved clothing.

#### Respiratory protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White liquid
Odor	
Odor threshold	Odorless
pH	8.5-10 1% aq.sol
Melting point/freezing point	206 °C / 402.8 °F
Initial boiling point and boiling range	
Flash point	> 150 °C / > 302 °F
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	250 °C / 482 °F
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable

### 10.2 Chemical stability

Hygroscopic.

### 10.4 Conditions to avoid

Excess heat. Incompatible products. Avoid dust formation. Exposure to moist air or water.

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### 10.5 Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases

### 10.6 Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Sulfur oxides, Sodium oxides

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Category 4. ATE = 300 - 2000 mg/kg oral

#### Skin corrosion/irritation

Based on ATE data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on ATE data, the classification criteria are not met.

#### Respiratory or skin sensitization

Based on ATE data, the classification criteria are not met.

## SECTION 12: Ecological information

### Toxicity

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Do not empty into drains. Contains a substance which is: Harmful to aquatic organisms. The product contains following substances which are hazardous for the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Toxic to aquatic organisms.

## SECTION 13: Disposal considerations

### Disposal of the product

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14: Transport information

### DOT (US)

Not regulated

### IMDG

Not regulated

### IATA

Not regulated

## SECTION 15: Regulatory information

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### 15.1 Safety, health and environmental regulations specific for the product in question

#### SARA 311/312 Hazards

Acute Health Hazard

#### New Jersey Right To Know Components

Sodium dodecyl sulphate  
CAS-No. 151-21-3

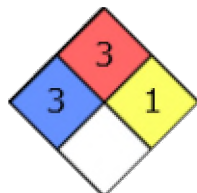
#### Pennsylvania Right To Know Components

Sodium dodecyl sulphate  
CAS-No. 151-21-3

#### HMIS Rating

Sodium Lauryl Sulfate (SLS)	
HEALTH	3
FLAMMABILITY	3
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

#### NFPA Rating



### SECTION 16: Other information

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