

Safety Data Sheet

Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

Chemical and Company Identification

Product name	Product code	
Sodium Dodecyl Sulfate, 10% Solution	GR155-1	<i>For research use only.</i>

Supplier

Hoefer, Inc.
84 October Hill Road, Suite 10
Holliston, MA 01746
Phone: 800-227-4750
508-893-8999

Emergency Contact

ChemTel Inc.
800-255-3924 (North America) +1-813-248-0585 (International)
1-300-954-583 (Australia) 0-800-591-6042 (Brazil)
000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)
800-099-0731 (Mexico)

Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
Sodium dodecyl sulfate	151-21-3	205-788-01	10	NaC ₁₂ H ₂₅ SO ₄	288.38 g/mol
Water	7732-18-5	231-791-2	90	H ₂ O	18.01 g/mol

Hazards Identification

GHS Classification:

Skin irritant: 2
Serious eye damage: 1
Acute toxicity, Dermal: 5

Pictogram:



Signal Word: Danger

Hazard Statements:

H313: May be harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

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

P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

WHMIS: D2B, Toxic Material causing Other Toxic Effects

Potential Health Effects:

Target Organs: Eyes, skin and respiratory system

Eyes: Causes eye irritation.

Skin: Causes skin irritation.

Inhalation: May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

CHRONIC HEALTH HAZARDS: None known.

First Aid Measures

Eyes: Flush eyes with water. Consult a physician.

Skin: In case of contact, flush area immediately with water. Get medical aid if irritation persists.

Inhalation: Remove victim to fresh air. Get medical aid if irritation persists.

Ingestion: Wash mouth with water. Get medical aid if any symptoms appear.

Fire-Fighting Measures

Flammable: No

Flash Point: Not determined.

Autoignition Temperature: Not determined.

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available.

Accidental Release Measures

Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with absorbent material. Collect with an electrically protected vacuum cleaner and place in container for disposal according to local regulations.

Handling and Storage

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature

Exposure Controls/Personal Protection

Exposure limits:

ACGIH, NIOSH, OSHA, none listed

Use adequate ventilation. Avoid spills.

Personal protective Equipment: Wear appropriate safety glasses and protective gloves/clothing.

Engineering Measures: eye wash stations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after handling product.

Physical and Chemical Properties

Appearance: Liquid

Odor: No information found.

Odor Threshold: No information found.

Melting Point: No information found.

Boiling Point: No information found.

Specific Gravity: No information found.

Vapor Density: No information found.

Vapor Pressure: No information found.

Water Solubility: yes

pH: No information found.

Flash Point: No information found.

Ignition Temperature: No information found.

Autoignition Temperature: No information found.

Lower Explosion Limit: No information found.

Upper Explosion Limit: No information found.

Stability and Reactivity

Stability: Stable at normal room temperature and pressure

Conditions to Avoid: Dust generation

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and nitrogen oxides, sodium oxides, sulfur oxides.

Hazardous Polymerization: Has not been reported.

Hoefer, Inc.

84 October Hill Road, Suite 10

Holliston, MA 01746

www.hoeferinc.com

© 2019 Hoefer, Inc. All rights reserved. Printed in the USA

Toxicological Properties

Exposure Limits:

Oral LD₅₀: No information found

Inhalation LC₅₀: No information found

Dermal LD₅₀: No information found

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Carcinogenicity: Not listed by ACHIH, IARC, NTP or CA

Ecological Information

No information found.

Disposal Considerations

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial, and local regulations.

Transportation Information

Shipping Information:

US DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

Regulatory Information

REACH Title VII Restrictions: No information available.

US Federal Regulations:

Sara 313: Section 313 of title III of the Superfund Amendments and reauthorizations Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

Clean Water Act: Not a regulated substance or mixture

Clean Air Act: Not a regulated substance or mixture

US State regulation:

California: does not contain any proposition 65 chemicals

Canada:

WHMIS: D2B, Toxic material Causing Other Toxic Effects
Moderate skin and eye irritant.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

