

SAFETY DATA SHEET

SODIUM DODECYL SULFATE 20% SOLUTION

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 905-466-3832
Chemical Name: Sodium Dodecyl Sulfate solution
Synonym: N/A
Catalog Number: SDS002
Recommended use: for research purposes

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification

CLASSIFICATION:

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

PICTOGRAM:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H313-may be harmful in contact with skin.
H315- causes skin irritation
H318- causes serious eye damage.

PRECAUTIONARY STATEMENTS:

P261- avoid breathing dust/fume/gas/mist/vapours/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.

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

SECTION 3 COMPOSITION/ INGREDIENTS

CAS #	EC-No.	%
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Sodium dodecyl sulfate	205-788-1	205-788-01	20
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Water	7732-18-5	231-791-2	80
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SECTION 4 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.

SECTION 5 FIRE FIGHTING MEASURES

Flammability: not flammable
Flash Point: not determined
Autoignition Temperature: not determined
Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:
Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.
Methods for containment and clean up:
Contain further leakage. Use absorbent material to clean up spills. place in a suitable container.. Dispose according to local regulations.

SECTION 7 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.

SECTION 8 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.

SECTION 9 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

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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

SECTION 10 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

SECTION 11 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 ACGIH, IARC, NTP, or CA

SECTION 12 ECOLOGICAL INFORMATION

Toxicity:
No information found.

SECTION 13 DISPOSAL CONSIDERATION

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

SECTION 14 TRANSPORT INFORMATION

Shipping Information:

DOT (US): not regulated
IMDG: not regulated
IATA: not regulated

SECTION 15 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.

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz
Date Prepared: Jan 1/2025
Phone: (800) 234-1179

The information provided on this Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.
Observe all federal, provincial and state laws concerning health, safety and pollution.