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THE BTTCO OVERSEAS

A Govt. of India Recognized *Star Export House*

from local roots to global routes

Material Safety Data Sheet
Sodium Lauryl Ether Sulphate (SLES 70%)

Section 1 - Chemical Product and Company Identification

MSDS Name : Sodium Lauryl Ether Sulphate (SLES 70%)
Chemical Name : Sodium Lauryl Ether Sulphate
Synonyms : Sodium Laureth Sulfate, Sodium Laureth Ether Sulfate
Chemical Formula : $CH_3(CH_2)_{11}(OCH_2CH_2)_nOSO_3Na$
Molecular Weight : 420 g/mol
CAS No : 68585-34-2 / 9004-82-4

Recommended Use : Surfactant for detergents, cosmetics and industrial cleaners.

Company Identification : The BTTCO Overseas
6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall,
Navrangpura, Ahmedabad – 380009

Telephone Number : +91-94265 96891
Contact Person : Mr. Dinesh Lunkad

Section 2 Composition, Information on Ingredients

Chemical Name/ Ingredient	CAS #	Percent
Sodium Lauryl Ether Sulphate	68891-38-3 /9004-82-4	68-72%
Water	7732-18-5	Balance

Section 3 Hazards Identification

GHS Label elements, including precautionary statements

- Symbol (GHS)



- Signal word: Warning

Precautionary statements

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

Hazard statements

H319	Causes serious eye irritation
H315	Causes skin irritation

Section 4 First Aid Measures

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance. move out of dangerous area.

Eye Contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact : Wash off with soap and plenty of water. Consult a physician.

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

Inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Skin contact : None under normal conditions.

Eye contact : None under normal conditions.

Ingestion : None under normal conditions.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

Section 5 Fire Fighting Measures

Fire extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder. Foam. Carbon dioxide. Do not use a heavy water stream.

Fire : No fire hazard.

Explosion : No direct explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during Firefighting : Do not attempt to take-action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6 - Accidental Release Measures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

For non-emergency personnel
Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

For emergency responders
Protective equipment : Do not attempt to take action without suitable protective

equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Stop release. Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental Precautions : Avoid release to the environment.

Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material. Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Other information : Dispose of materials or solid residues at an authorized site.

Section 7 - Handling and Storage

Handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the workstation. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store in original container. Keep container tightly closed. Store in a well-ventilated place.

Packaging materials : Store always product in container of same material as original container.

Section 8 - Exposure Controls, Personal Protection

Control parameters : No additional information available

Personal protective Equipment

Eye protection : Use chemical safety goggles and full face shield where dusting or splashing of solutions is possible. Maintain eye was fountain and quick-drench facilities in work area.

Skin protection : Wear impervious protective clothing, including boots, gloves, lab coat, apron or converalls as needed to prevent skin contact.

Exposure controls

Engineering measures : Ensure good ventilation of the workstation.

Individual/Personal protection Measures : Wear recommended personal protective equipment.

Eye/Face protection : Chemical goggles or safety glasses. Wear a mask. Protective gloves.

Hand protection : Protective gloves.

Respiratory protection : Wear appropriate mask.

Environmental exposure Controls : Avoid release to the environment.

Section 9 - Physical and Chemical Properties

Physical state : Liquid
Colour : Colorless.
Appearance : Clear. Viscous liquid.
Odour : Odourless.
Odour threshold : Not available

Melting point	: Not applicable
Freezing point	: 5 °C
Boiling point	: 100 °C
Flammability	: Non-flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 94 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	:7.5 – 10 at 20 °C
pH solution concentration	: 1 %
Viscosity, kinematic	: Not available
Viscosity, dynamic	:130 – 500 cP at 25 °C
Solubility	: Water: Miscible
Partition coefficient n-octanol /Water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.03
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

Section 10 - Stability and Reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

Stability : Stable under normal conditions.

Possibility of hazardous Reactions : No dangerous reactions known under normal conditions of use.

Conditions to Avoid : Direct sunlight.

Incompatibility with various substances : No additional information available

Hazardous decomposition Products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
pH	: 7.5 – 10 at 20 °C
Serious eye damage/irritation	: Not classified
pH	: 7.5 – 10 at 20 °C
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

Section 12 - Ecological Information

Toxicity

Ecology – general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Persistence and degradability

Sodium Lauryl Ether Sulphate (SLES 70%)	
Persistence And Degradability	Rapidly Degradable

Bio-accumulative potential : No additional information available

Mobility in soil : No additional information available

PBT and vPvB assessment: No additional information available

Endocrine disrupting properties : No additional information available

Other adverse effects : No additional information available

Section 13 - Disposal Considerations

Waste treatment methods
Regional waste regulation: Disposal must be done according to official regulations.

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal Recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal Recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

Section 14 – Transport Information

DOT/IMDG/IMO/IATA : Not regulated for transport

Section 15 -Regulatory Information

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

EU-Regulations
REACH Annex XVII (Restriction List) : Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List) : Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC) : Not listed on the REACH Candidate List

PIC Regulation
(Prior Informed Consent) : Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation
(Persistent Organic Pollutants) : Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009) : Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Dual-Use Regulation (428/2009)
Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations
Germany
Water hazard class (WGK): WGK 3, Highly hazardous to water (Classification according to AwSV).

Hazardous Incident Ordinance
(12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands
SZW-lijst van kankerverwekkende stiffen : The substance is not listed
SZW-lijst van mutagene stiffen : The substance is not listed
SZW-lijst van reprotoxische stoffen–Borstvoeding : The substance is not listed
SZW-lijst van reprotoxische stoffen–Vruchtbaarheid: The substance is not listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : The substance is not listed

Denmark
Class for fire hazard : Class III-1
Store unit : 50 liters
Classification remarks : Flammable according to the Danish Ministry of Justice. Emergency management guidelines for the storage of flammable liquids must be followed.

Section 16 - Other Information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Disclaimer:
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