

Scrub and Suds Manual Dish Washing Liquid

SAFETY DATA SHEET

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Sodium dodecyl sulfate (CAS no.: 68585-47-7; EC no.: 205-788-1) CLASSIFICATIONS: 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. HAZARDS: 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.	> 0 - < 10 % (weight)
DIMETHYLDODECYLAMINE-N-OXIDE (CAS no.: 1643-20-5) CLASSIFICATIONS: No data available. HAZARDS: No data available.	> 0 - < 10 % (weight)
Alcohols, C9-11, ethoxylated (CAS no.: 68439-46-3; EC no.: 614-482-0) CLASSIFICATIONS: Eye damage/irritation, Cat. 1. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	> 0 - < 10 % (weight)
Fragrance CLASSIFICATIONS: Flammable liquids, Cat. 3; Acute toxicity, dermal, Cat. 5; Acute toxicity, inhalation, Cat. 5; Acute toxicity, oral, Cat. 5; Aspiration hazard, Cat. 1; Skin corrosion/irritation, Cat. 2; Sensitization, skin, Cat. 1B; Eye damage/irritation, Cat. 2A. HAZARDS: H226 - Flammable liquid and vapor; H303 - May be harmful if swallowed; H304 - May be fatal if swallowed and enters airways; H313 - May be harmful in contact with skin; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation; H333 - May be harmful if inhaled.	Not specified

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. Move to fresh air.
In case of skin contact	Wash off with plenty of water. Immediately remove contaminated clothing, and any extraneous chemical.
In case of eye contact	Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.
If swallowed	Never give anything by mouth to an unconscious person. If a person vomits when lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn victim's head to the side.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Alcohol-resistant foam.
Carbon dioxide (CO₂).
Dry chemical.
Dry sand.
Limestone powder.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.

6.2 Environmental precautions

Construct a dike to prevent spreading.

6.3 Methods and materials for containment and cleaning up

Absorb with inert material (clay, etc) and dispose according to local, state, and national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Adhere to work practice rules established by government regulations. Use only in well-ventilated areas. Avoid contact with eyes. Avoid breathing vapors and/or aerosols. Use personal protective equipment. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage under an inert atmosphere is recommended.
Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

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

Eye/face protection

Chemical resistant goggles must be worn when risk assessment deems necessary

Skin protection

Long sleeve shirts and trousers without cuffs when risk assessment deems necessary

Respiratory protection

Wear appropriate respirator when ventilation is inadequate.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear green liquid
Odor	Citrus
Odor threshold	No data available
pH	8.5-10.0
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	>200F
Evaporation rate	No data available
Flammability (solid, gas)	Not flammable
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.01-1.04

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Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	2,000-4,000cps
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

10.2 Chemical stability

Stable under normal conditions.

10.4 Conditions to avoid

Strong acids.
Oxidizing agents.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause irritation under prolonged exposure

Serious eye damage/irritation

May cause eye damage

Respiratory or skin sensitization

May cause an allergic skin reaction

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal of the product

Dispose in accordance with local, state, and national guidelines

Disposal of contaminated packaging

Dispose in accordance with local, state, and national guidelines

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

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IATA

Not dangerous goods

SECTION 15: Regulatory information

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

Scrub and Suds Manual Dish Washing Liquid	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.