

SAFETY DATA SHEET

1. Product and Company Identification

Material name Rug Shampoo and Soil Extractor
SDS # SA-150, SA-160, SA-170, SA-179

Revision date 11/5/2015

Chemical class Rug Shampoo

Manufacturer Hesco, Inc.
6633 N. Milwaukee Ave
Niles, IL 60714
Phone: 800-822-7467

Emergency CHEMTREC 800-424-9300

2. Hazards Identification

Emergency overview WARNING

Toxic to aquatic life. Harmful if swallowed. May cause eye and skin irritation.

Potential health effects

 Eyes Causes serious eye irritation. Avoid contact with eyes.

 Skin Irritating to skin. Avoid contact with the skin. Avoid breathing dust/fume/gas/mist/vapors/spray. Harmful if swallowed. Do not ingest.

 Inhalation

 Ingestion

Potential environmental effects May cause long-term adverse effects in the environment.

GHS Classifications Acute Toxicity: 4 (oral)
Eye damage/irritation: 2
Skin corrosion/irritation: 2

3. Composition / Information on Ingredients

Components	CAS #	Percent
Isopropyl Alcohol	67-63-0	1 - 5
Sodium Lauryl Sulfate (Alt Cas 68585-47-7)	151-21-3	1 - 5

4. First Aid Measures

First aid procedures

 Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

 Skin contact Remove and isolate contaminated clothing and shoes. Wash off immediately with plenty of water. Get medical attention if irritation develops and persists.

 Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

 Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to a victim who is unconscious or is having convulsions. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties Not flammable by OSHA criteria. Not combustible by OSHA criteria.

Extinguishing media	Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Protection of firefighters	Protective equipment and precautions for firefighters	Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray.
Specific methods		Cool containers exposed to flames with water until well after the fire is out.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Should not be released into the environment. Large Spills: Dike far ahead of spill for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid breathing mist or vapor. Avoid contact with skin. Avoid contact with eyes. Wear personal protective equipment. Do not use in areas without adequate ventilation. Wash thoroughly after handling. Avoid release to the environment.
Storage	Keep away from heat, sparks and open flame. Store in a well-ventilated place. Keep container tightly closed. Keep out of the reach of children. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

Isopropyl Alcohol: 200 ppm (ACGIH TWA)

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
General	Avoid contact with skin. Avoid contact with eyes.
Eye / face protection	Avoid contact with eyes. Chemical goggles are recommended.
Skin protection	Avoid contact with the skin. Wear suitable protective clothing.
Respiratory protection	Wear positive pressure self-contained breathing apparatus (SCBA).
General hygiene considerations	Avoid contact with eyes. Avoid contact with skin. Wash hands after handling and before eating. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountain and emergency showers are recommended.

9. Physical & Chemical Properties

Physical state	Thin clear liquid with sweet aroma.
pH	10.2 ±0.5
Freezing point	Not determined.
Boiling point	> 212 °F (> 100 °C)
Flash point	Not determined.
Evaporation rate	Slower than water.
Flammability limits in air, upper, % by volume	NOT APPLICABLE.
Vapor pressure	20mmHg @68°F
Vapor density	Estimated greater than air.
Specific gravity	1.005 ±0.005
Density	8.36

Viscosity Not determined
 Percent volatile 90+%

10. Stability & Reactivity

Chemical stability Material is stable under normal conditions.
 Conditions to avoid Heat, flames and sparks.
 Hazardous decomposition products Sulfur oxides.

11. Toxicological Information

Acute Toxicity
 Ethylene glycol monobutyl ether Oral: LD 50 (rat); 5,800 mg/kg
 Inhalation: LC50 (rat); 12,000 ppm 8h
 Dermal: LD50 (rabbit); 16.4 mg/kg
 Sodium Lauryl Sulfate Oral: LD 50 (rat); 1,200 mg/kg
 Dermal: LD50 (rat); >2,000 mg/kg
 Local effects Harmful if swallowed. Irritating to eyes. Irritating to skin.
 Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicological data

Components	Test Results
Sodium Lauryl Sulfate (Alt Cas 68585-47-7) (151-21-3)	EC50 Water flea (Daphnia obtusa): 9.2 - 10.4 mg/l 48 hours LC50 Carp, hawk fish (Cirrhinus mrigala): 0.59 mg/l 96 hours

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment.
 Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Disposal instructions Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.

14. Transport Information

Notes Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory Information

Reportable Quantity Reportable Quantity (RQ) of this product is 200000 pounds based upon Formaldehyde(50-00-0) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product.

CERCLA (Superfund) reportable quantity
 None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes

Clean Water Act (CWA) Hazardous substance

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region	Inventory name	On inventory(yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA)Inventory	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SARA 313 component(s)

Ethylene glycol monobutyl ether

State regulations California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance, none

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance, none

US - California Proposition 65 - CRT: Listed date/Developmental toxin, none

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
Flammability: 0
Physical hazard: 0
Personal protection: B

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

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