

SAFETY DATA SHEET

1. Product and Company Identification

Material name Stain Remover and Prespotter
SDS # SA-203
Revision date 04/07/16
Chemical class Carpet Spotter
Manufacturer Hesco Inc
6633 N. Milwaukee
Niles, IL 60714
Phone: 800-822-7463
Emergency CHEMTREC 800-424-9300

2. Hazards Identification

Emergency overview **WARNING**
Toxic to aquatic life. Harmful if swallowed. Irritating to skin. Causes serious eye irritation and possible damage.

Potential health effects
Eyes Causes serious eye damage. Avoid contact with eyes.
Skin Irritating to skin. Avoid contact with the skin. Avoid
Inhalation breathing dust/fume/gas/mist/vapors/spray. Harmful if
Ingestion swallowed. Do not ingest.

Potential environmental effects
GHS Classifications May cause long-term adverse effects in the environment.
Acute Toxicity: 4 (oral)
Eye damage/irritation: 2
Skin corrosion/irritation: 2



3. Composition / Information on Ingredients

Components	CAS #	Percent
Sodium Thiosulfate	7772-98-7	1 – 5
Sodium Lauryl Sulfate (Alt Cas 68585-47-7)	151-21-3	< 1
Ethylene glycol monobutyl ether	111-76-2	1 – 5
2-propanol	67-63-0	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:

Ethylene glycol monobutyl ether: 20 ppm (ACGIH TWA)
2-propanol: 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 characteristics odor.
pH	9.4 ±0.5
Freezing point	Not determined.
Boiling point	> 212 °F (> 100 °C)
Flash point	None to boil.
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 determine
Percent volatile 60+%

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

Component	LD50 Oral:	LC50 Inhalation:	LD50 Dermal:
Ethylene glycol monobutyl ether	1.2 g/kg (guinea pig)	>633 ppm, 1 h (guinea pig)	400-500 mg/kg (rabbit)
Sodium lauryl sulfate	1200 mg/kg (rat)	-----	>2000 mg/kg (rat)
Isopropyl alcohol	5800 mg/kg (rat)	12,000 ppm, 8 h (rat)	16.4 ml/kg (rabbit)

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Components Test Results
Sodium Lauryl Sulfate 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
Isopropyl alcohol: LC50 (fathead minnow); >1000 ul/l 96hr
LC50 (golden orfe); 8,970-9,280 mg/l 48hr
LC50 (daphnia); >1000 ul/l 96hr
Sodium thiosulfate: LC50 (daphnia magna); 520 mg/l 48hr
LC50 (western mosquitofish); 24,000 mg/l 96hr
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

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 Substance (ELINCS)	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 4.5%

State regulations California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Formaldehyde (CAS 50-00-0) Listed.

Methanol (CAS 67-56-1) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Formaldehyde (CAS 50-00-0) Listed: January 1, 1988Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012 Developmental toxin.

New Jersey RTK Label Information

Ethylene glycol monobutyl ether 111-76-2

Pennsylvania RTK Label Information

Ethylene glycol monobutyl ether 111-76-2

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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