

Material Safety Data Sheet

STAIN FREE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: STAIN FREE
Synonyms: None
Chemical Family: None Known
Application: Deodorizer / Cleaner

Distributed By:
GERMIPHENE CORPORATION
1379 COLBORNE STREET EAST
BRANTFORD ON
N3T 5M1
TOLL FREE: 1 800 265 9931

Preparation date of MSDS: 13 August 2010
Last revision date: 05 December 2013

24-Hour Emergency Telephone Number (CANUTEC): (613) 996-6666

2. COMPOSITION/FORMATION ON INGREDIENTS

Ingredients	Percentage (W/W)	LD50s and LC50s Route & Species
Water 7732-18-5	60-100	Oral LD50 (Rat) >90 ml/kg
1-Octanesulfonic acid, sodium salt 5324-84-5	1-5	Not Available
Sodium Sulfate	0.1-1	Oral LD50 (Rat) 10000 mg/kg

Note: No additional remark.

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: May cause eye irritation.

Skin Contact: Mild skin irritation (after prolonged or repeated contact): sign/symptoms can include redness, swelling and itching.

Inhalation: Inhalation of mist will irritate mucous membranes. Inhalation of dust may cause lung irritation

Ingestion: Abdominal discomfort, nausea and vomiting may occur.

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Notes to Physician: Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE FIGHTING MEASURES

Flash Point: None.

Flash Point Method: Not applicable.

Auto Ignition Temperature: Not Available.

Flammable Limits in Air (%): Not Available.

Extinguishing Media: Water spray. Carbon dioxide. Dry chemical.

Special Exposure Hazards: Not Available.

Hazardous Decomposition/Combustion materials (under fire conditions): Not available.

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

NFPA RATINGS FOR THIS PRODUCT ARE: Not Available

HMIS RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate protective equipment.

Environmental Precautionary Measures: Prevent from entering into soil, ditches, sewers or waterways and/or groundwater. Consult local authorities.

Procedure for Clean Up: Isolate hazard area and restrict access. Absorb with an inert dry material and place in an appropriate waste disposal container. Avoid direct contact with materials.

7. HANDLING AND STORAGE

Handling: For industrial use only. Handle and open containers with care. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid inhalation of chemical. Empty containers may contain hazardous product residues. Keep the containers closed when not in use. Protect against physical damage. Use appropriate personal protective equipment.

Storage: Store in a cool dry, well ventilated area, away from heat and ignition sources. Place away from incompatible materials. Store in accordance with good industrial practices. Keep away from direct sunlight. Protect against moisture. Do not store near food, food stuffs, drugs or potable water supplies.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

Respiratory Protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.

Gloves: Disposable nitrile exam gloves.

Skin Protection: Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear, selected for conditions of use and exposure potential. Consideration must be given both to durability, as well as, permeation resistance.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work station location.

Ingredients	Exposure Limit ACGI	Exposure Limit OSHA	Immediately Dangerous to Life or Health - IDLH
Water	Not available	Not available	Not available
1-Octanesulfonic acid, sodium salt	Not available	Not available	Not available
Sodium sulfate	Not available	Not available	Not available

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Colour: Opaque
Odour: Slight
pH: 6.0-7.5
Specific Gravity: 8.6 lb/gallon
Boiling Point: Not Available
Freezing/Melting Point: Not Available
Vapour Pressure: Equivalent to water
Vapour Density: Equivalent to water
% Volatile by Volume: Not Available
Evaporation Rate: Not Available
Solubility: Completely soluble
VOCs: Not Available
Viscosity: Not Available
Molecular Weight: Not Available
Other: Not Available

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known
Materials to Avoid: Strong acids or alkalis.
Hazardous Decomposition Products: Not Available
Additional Information: No additional remarks.

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure:

Ingestion: Abdominal discomfort, nausea, and vomiting may occur

Skin Contact: Mild skin irritation (after prolonged or repeated contact): sign/symptoms can include redness, swelling, and itching.

Inhalation: Inhalation of mist will irritate mucous membranes. Inhalation of dust may cause lung irritation.

Eye Contact: May cause eye irritation

Additional Information:

Acute Test of Product:

Acute Oral LD50: Not Available

Acute Dermal LD50: Not Available

Acute Inhalation LC50: Not Available

Carcinogenicity:

Ingredients	IARC – Carcinogens	ACGIH - Carcinogens
Water	Not Listed	Not Listed
1-Octanesulfonic acid, sodium salt	Not Listed	Not Listed
Sodium sulfate	Not Listed	Not Listed

Carcinogenicity Comment: No additional information available

Reproductive Toxicity/Teratogenicity/Embryotoxicity/Mutagenicity: Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information

Ingredients	Ecotoxicity – Fish Species Data	Acute Crustaceans Toxicity	Ecotoxicity – Freshwater Algae Data
Water	Not Available	Not Available	Not Available
1-Octanesulfonic acid, sodium salt	Not Available	Not Available	Not Available
Sodium sulfate	LC50 (Lepomis macrochirus) 13 mg/L LC50 (Pimephales promelas) 135500 mg/L	Not Available	Not Available

Other Information: No additional remark

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13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

14. TRANSPORT INFORMATION

DOT (US):

DOT Shipping Name: Not Regulated

DOT Hazardous Class: Not Applicable

DOT UN Number: Not Applicable

DOT Packaging Group: Not Applicable

DOT Reportable Quantity (lbs): Not Applicable

Note: No additional remark

Marine Pollutant: No

TDG (Canada):

TDG Proper Shipping Name: Not Regulated

Hazard Class: Not Applicable

UN Number: Not Applicable

Packing Group: Not Applicable

Note: No additional remark

Marine Pollutant: No

15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not Available

U.S. Regulatory Rules

Ingredients	CERCLA/SARA – Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA – Section 313:
Water	Not Listed	Not Listed	Not Listed
1-Octanesulfonic acid, sodium salt	Not Listed	Not Listed	Not Listed
Sodium sulfate	Not Listed	Not Listed	Not Listed

California Proposition 65: Not Listed

MA Right-to-Know List: Not Listed

New Jersey Right-to-Know List: Not Listed

Pennsylvania Right-to-Know List: Not Listed

WHMIS Hazardous Class: D2B TOXIC MATERIALS



16. OTHER INFORMATION

Additional Information:

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Disclaimer:

NOTICE TO READER:

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis.

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