

Material Safety Data Sheet

ODOUR FREE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ODOUR FREE

Synonyms: None

Chemical Family: None Known

Application: Carpet care. Odor control. Restroom 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: 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
Trisodium-2hydroxy-1,2,3-Propane Tricarboxylate, Dihydrate 6132-04-3	0.7-1.3	Not Available
Sodium Xylenesulphonate (SXS) 1300-72-7	0.3-0.7	Oral LD50 (Rat) = 7200 mg/kg
Zinc diricinoleate 13040-19-2	0.3-0.7	Oral LD50 (Rat) = 7200 mg/kg
Disodium laureth sulfo succinate 39354-45-5	0.1-0.5	Oral LD50 (Rat) = 30800 mL/kg Dermal LD50 (Rabbit) >5 mL/kg
Coco Amidopropyl Dimethylamine Oxide 68155-09-9	0.1-0.5	Oral LD50>1000 mg/kg (rat)
Alcohol ethoxylated C12-C14 68439-50-9	0.1-0.5	Oral LD50 1600 – 2500 mg/kg (Rat) Dermal LD50 >2000 mg/kg (Rabbit)
Sodium Nitrate 7631-99-4	0.1-0.5	Oral LD50 (Rat) = 1267 mg/kg

Note: No additional remark.

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: Causes eye irritation.

Skin Contact: May cause irritation. Prolonged or repeated contact may cause defatting and drying of the skin. May cause dermatitis.

Inhalation: May cause respiratory tract.

Ingestions: May cause stomach distress, nausea, or vomiting.

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: No Available.

Flammable Limits in Air (%): Not Available.

Extinguishing Media: Use DRY chemicals, CO2, alcohol foam or water spray.

Special Exposure Hazards: Not Available.

Hazardous Decomposition/Combustion materials (under fire conditions): Oxides of carbon.

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

NFPA RATINGS FOR THIS PRODUCT ARE: HEALTH 2, FLAMMABILITY 0, INSTABILITY 0

HMIS RATINGS FOR THIS PRODUCT ARE: HEALTH 2, FLAMMABILITY 0, REACTIVITY 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate protective equipment.

Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed. 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 personnel 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

General (mechanical) room ventilation is expected to be satisfactory.

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: Appropriate chemical resistant gloves should be worn. Rubber 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 ACGIH	Exposure Limit OSHA	Immediately Dangerous to Life or Health - IDLH
Trisodium-2-hydroxy-1,2,3-Propane Tricarboxylate, Dihydrate	Not available	Not available	Not available
Sodium Xylenesulphonate (SXS)	Not available	Not available	Not available
Zinc diricinoleate	Not available	Not available	Not available
Disodium laureth sulfo succinate	Not available	Not available	Not available
Coco Amidopropyl Dimethylamine Oxide	Not available	Not available	Not available
Alcohol ethoxylated C12-C14	Not available	Not available	Not available
Sodium Nitrate	Not available	Not available	Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Slightly opaque

Odour: Faint

pH: 5-8.5

Specific Gravity: 1

Boiling Point: 100°C / 212°F

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: Strong acids or bases may inactivate bacterial mixture.

Materials to Avoid: Caustics, Acids.

Hazardous Decomposition Products: Oxides of carbon.

Additional Information: No additional remarks.

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure

Ingestion: May cause abdominal discomfort, nausea, or vomiting.

Skin Contact: May cause skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin. May cause dermatitis.

Inhalation: May cause respiratory tract irritation.

Eye Contact: Causes eye irritation

Additional Information: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Acute Test of Product:

Acute Oral LD50: Not Available

Acute Dermal LD50: Not Available

Acute Inhalation LC50: Not Available

Carcinogenicity:

Ingredients	IARC – Carcinogens	ACGIH - Carbinogens
Trisodium-2-hydroxy-1,2,3-Propane Tricarboxylate, Dihydrate	Not Listed	Not Listed
Sodium Xylenesulphonate (SXS)	Not Listed	Not Listed
Zinc diricinoleate	Not Listed	Not Listed
Disodiumlaureth sulfo succinate	Not Listed	Not Listed
Coco Amidopropyl Dimethylamine Oxide	Not Listed	Not Listed
Alcohol ethoxylated C12-C14	Not Listed	Not Listed
Sodium Nitrate	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
Trisodium-2-hydroxy-1,2,3-Propane Tricarboxylate, Dihydrate	LC50 (Poecilia reticulata) 18000 mg/L	Not Available	EC50 (Chlorella vulgaris) 1800 – 3200 mg/L
Sodium Xylenesulphonate (SXS)	Not Available	Not Available	Not Available
Zinc diricinoleate	Not Available	Not Available	Not Available
Disodiumlaureth sulfo succinate	Not Available	Not Available	Not Available
Coco Amidopropyl Dimethylamine Oxide	Not Available	Not Available	Not Available
Alcohol ethoxylated C12-C14	Not Available	Not Available	Not Available
Sodium Nitrate	LC50 (Lepomis macrochirus) 9000 mg/L	Not Available	Not Available

Other Information:

No additional remark

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 Required

Hazard Class: Not Applicable

UN Number: Not Applicable

Packing Group: Not Applicable

Note: No additional remark

Marine Pollutant: No

U.S. Regulatory Rules

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:
Trisodium-2-hydroxy-1,2,3-Propane Tricarboxylate, Dihydrate	Not Listed	Not Listed	Not Listed
Sodium Xylenesulphonate (SXS)	Not Listed	Not Listed	Not Listed
Zinc diricinoleate	Not Listed	Not Listed	Not Listed
Disodiumlaureth sulfo succinate	Not Listed	Not Listed	Not Listed
Coco Amidopropyl Dimethylamine Oxide	Not Listed	Not Listed	Not Listed
Alcohol ethoxylated C12-C14	Not Listed	Not Listed	Not Listed
Sodium Nitrate	Not Listed	Listed	Not Listed

California Proposition 65: Not Listed

MA Right-to-Know List: Listed

New Jersey Right-to-Know List: Listed

Pennsylvania Right-to-Know List: Listed

WHMIS Hazardous Class:

D2B TOXIC MATERIALS



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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.

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