

Material Safety Data Sheet

FLOOR FREE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: FLOOR FREE

Synonyms: None

Chemical Family: None Known

Application: Not Available

Distributed By:

GERMIPHENE CORPORATION
1379 COLBORNE STREET EAST
BRANTFORD ON
N3T 5M1
1800 265 9931
TOLL FREE: 1 800 265 9931

Preparation date of MSDS: 14 AUGUST 2010

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

2. COMPOSITION/FORMATION ON INGREDIENTS

Ingredients	Percentage (W/W)	LD50s and LC50s Route & Species
Alcohols, C9-11, ethoxylated 68439-46-3	2.6-3.0	Oral LD50 (Rat) 1378 mg/kg Dermal LD50 (Rabbit) 2 g/kg
Lipase, triacylglycerol 9001-62-1	2.0-2.6	Not available
Sodium Laureth Sulfate 9004-82-4	1.2-1.8	Oral LD50 (Rat) 1600 mg/kg
Alcohols, C9-11 66455-17-2	1.2-1.8	Dermal LD50 (Rabbit) Oral LD50 (Rat) 3000 mg/kg
Alcohol ethoxylate 68131-39-5	1.2-1.8	Oral LD50 (Rat) 2000 mg/kg
Tetrasodium ethylene diamine tetraacetate 64-02-8	0.4-0.8	Oral LD50 (Rat) 1658 mg/kg
Sodium Hydroxide 1310-73-2	0.02-0.2	Oral LDLo (Rabbit) : 500 mg/kg
1,2 benzisothiazol-3(2H)-one 2634-33-5	0.02-0.2	Oral LD50 (Rat) 1020 mg/kg
Propylene glycol 57-66-6	0.02-0.2	Oral LD50 (Rat) 20000 mg/kg Dermal LD50 (Rabbit) 20800 mg/kg

Note: No additional remark.

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: Causes eye irritation.

Skin Contact: Prolonged contact can cause skin irritation.

Inhalation: Vapour and/or mist may irritate respiratory tract.

Ingestions: May cause abdominal discomfort, nausea, vomiting and diarrhea.

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: No applicable.

Auto Ignition Temperature: No 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 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. Keep away from direct sunlight. Protect against moisture. Do not store near food. Foodstuffs, drugs or potable water supplies.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposure to within applicable limits. Provide local exhaust if misty conditions exist.

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. Nitrile 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
Alcohols, C9-11, ethoxylated	Not available	Not available	Not available
Lipase, triacylglycerol	Not available	Not available	Not available
Sodium Laureth Sulfate	Not available	Not available	Not available
Alcohols, C9-11	Not available	Not available	Not available
Alcohol ethoxylate	Not available	Not available	Not available
Tetrasodium ethylene diamine tetraacetate	Not available	Not available	Not available
Sodium Hydroxide	Not available	Not available	Not available
1,2-benzisothiazol-3(2h)-one	Not available	Not available	Not available
Propylene glycol	Not available	Not available	Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: slightly opaque

Odour: faint

pH: 5.0-9.0

Specific Gravity: ~1.0

Boiling Point: Not Available

Freezing/Melting Point: Not Available

Vapour Pressure: = 1

Vapour Density: = 1

% Volatile by Volume: Not Available

Evaporation Rate: Not Available

Solubility: Completely soluble

VOCs: Not Available

Viscosity: Not Available

Molecular Weight: 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: May cause abdominal discomfort, nausea, vomiting and diarrhea

Skin Contact: Prolonged contact can cause skin irritation

Inhalation: Vapour and/or mist may irritate

Eye Contact: Causes eye irritation

Additional Information: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product

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
Alcohols, C9-11, ethoxylated	Not Listed	Not Listed
Liase, triacglycerol	Not Listed	Not Listed
Sodium Laureth Sulfate	Not Listed	Not Listed
Alcohols, C9-11	Not Listed	Not Listed
Alcohol ethoxylate	Not Listed	Not Listed
Tetrasodium ethylene diamine tetraacetate	Not Listed	Not Listed
Sodium Hydroxide	Not Listed	Not Listed
1,2-benzisothiazol-3(2h)-one	Not Listed	Not Listed
Propylene glycol	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
Alcohols, C9-11, ethoxylated	Not Available	Not Available	Not Available
Lipase, triacglycerol	LC50 (fish) >100 mg/L	EC50 (Daphnia) >100 mg/L	IC50 (algae) >100 mg/L
Sodium Laureth Sulfate	Not Available	Not Available	Not Available
Alcohols, C9-11	LC50 (Pimephales promelas) 1.04 mg/L	Not Available	Not Available
Alcohol ethoxylate	Not Available	Not Available	Not Available
Tetrasodium ethylene diamine tetraacetate	LC50 (Lepomis macrochirus) 41 mg/L LC50 (Pimephales promelas) 59.8 mg/L	Not Available	EC50 (Scenedesmus subspicatus) 1.01 mg/L
Sodium Hydroxide	LC50 (Rainbow Trout) 1149 mg/l LC50 (Chinook Salmon) 152 mg/l	Not Available	Not Available
1,2-benzisothiazol-3(2h)-one	Not Available	Not Available	Not Available
Propylene glycol	LC50 (Pimephales promelas) 51400 mg/L LC50 (Oncorhynchus mykiss) 51600 mg/L	Not Available	EC50 (Selenastrum capricornutum) 19000 mg/L

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

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:
Alcohols, C9-11 ethoxylated	Not Listed	Not Listed	Not Listed
Lipase, triacylglycerol	Not Listed	Not Listed	Not Listed
Sodium Laureth Sulfate	Not Listed	Not Listed	Not Listed
Alcohols, C9-11	Not Listed	Not Listed	Not Listed
Alcohol ethoxylate	Not Listed	Not Listed	Not Listed
Tetrasodium ethylene diamine tetraacetate	Not Listed	Not Listed	Not Listed
Sodium Hydroxide	Not Listed	Listed	Not Listed
1,2-benzisothiazol-3(2h)-one	Not Listed	Not Listed	Not Listed
Propylene glycol	Not Listed	Not Listed	Not Listed

California Proposition 65: No 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



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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*****END OF MSDS*****