

MATERIAL SAFETY DATA SHEET: HOT FOOT® BIRD REPELLENT

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Company information: Hot Foot® America L.P.
P.O. Box 1339
Sausalito, CA 94966
Tel: 415 789-5135 Fax: 415 789-0564

Medical emergency: Tel: 1 800 228 5635 Ext. 018

Transport emergency: (CHEMTREC) Tel: 1 800 424 9300

Product Information: Hot Foot® Bird Repellent

SECTION 2 - COMPOSITION & INFORMATION ON CONTENTS

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not 'hazardous' per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

Chemical/CAS Number: ethyl alcohol (64-17-5)

Percent: 1-5%

OSHA PEL: 1000ppm

ACGIH TLV: 1000ppm

LD50: 7060 mg/kg (oral, rat)

LC50: 31,623 ppm/4h (rat)

Vapor pressure: in mmHG @ C:44

See section 16 for further information.

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

Combustible, eye irritant, contact will dry and defat skin, vapors harmful, harmful if swallowed, possible cancer hazard. Contains a material which may cause cancer.

Potential Health Effects:

Eyes: Contact with the product or high vapor levels will cause irritation.

Skin: Liquid contact will dry and defat the skin. Prolonged or repeated contact may cause irritation and sensitization.

Inhalation: Over exposure to vapors in poorly ventilated areas will cause irritation of the nose, throat and respiratory tract and may cause dizziness, headaches, nausea or unconsciousness.

Ingestion: Harmful if swallowed.

Chronic: When the product is in its final form and is abraded or disturbed, dusting may occur and crystalline silica may be released into the air. Long-term overexposure to crystalline silica may cause permanent lung damage and reduce pulmonary function. Long-term overexposure to solvents may cause liver and kidney damage.

Regulated Carcinogen Status: Crystalline silica is listed as a potential carcinogen by NTP and IARC.

Existing health conditions affected by Exposure: No known effects or other illnesses.

SECTION 4 – FIRST AID MEASURES

If in eye: Flush immediately with large amounts of water for at least 15 minutes. Call a physician.

If on skin: Wash affected area with soap and water. Launder contaminated clothing before re-use.

If vapors are inhaled: Remove from exposure. Restore breathing if necessary. Keep warm and quiet. Call a physician.

If ingested: If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point method: 124 degrees F Pinsky-Martens, 51 degrees C.

Upper explosive limit/ Lower explosive limit: Not established.

Autoignition Temperature: Not established.

Appropriate extinguishers: Use water spray, foam, dry chemical carbon or carbon dioxide.

Special fire fighting procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosive Hazards: There is no possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

Hazardous combustion product: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide, nitrogen compounds.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or leak procedures:

Remove all sources of ignition, ventilate area, avoid breathing vapors. Dike and contain spill with inert absorbent and transfer to container for disposal. Use non-sparking tools. Keep spill out of sewers.

SECTION 7 – HANDLING AND STORAGE

Handling Information: Keep away from heat, sparks and flame. Avoid breathing vapors. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Emptied container retains vapor and product residue. Observe all labeled precautions. Do not weld near cartridges.

Storage Information: Consult the Technical Data Sheet for specific storage information.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection: Wear safety glasses to reduce the potential for eye contact; Have eye washes available where eye contact can occur.

Skin protection: Prevent contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

Respiratory Protection: Use NIOSH/MSHA approved equipment – organic vapor respirators when airborne exposure limits are exceeded.

Ventilation: Local exhaust ventilation preferred. Provide ventilation to control contaminant levels below airborne exposure limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	gel	pH:	N/A
Color:	characteristic color	Vapor pressure:	not established
Odor:	mild solvent smell	Vapor density:	not established
Odor threshold:	not established	Evaporation rate:	not established
Weight per gallon:	7.5lbs.	Specific gravity:	0.90
% sold by weight:	97		
Water/oil partition coefficient:	not established		
VOC:	27g VOC/liter of material (VOC theoretically determined using EPA Publication 450/3-84-019).		
VOC, less water:	27g VOC/liter of material, less water and exempt solvents (VOC theoretically determined using EPA Publication 450/3-84-019).		

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: stable
Incompatibility: not established
Hazardous decomposition: nitrogen compounds
Hazardous Polymerization: will not occur

SECTION 11 – TOXICOLOGY INFORMATION

no data available

SECTION 12 – ECOLOGICAL INFORMATION

no data available

SECTION 13 – DISPOSAL CONSIDERATIONS

This product meets the definition of hazardous waste under the US EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your state, local or provincial authorities for more restrictive requirements.

SECTION 14 – TRANSPORTATION INFORMATION

United States Department of Transportation (DOT)

DOT proper shipping name: Adhesives
DOT hazard class / ID code: 3, UN-1133
DOT label: Flammable liquid
DOT packaging group: III

SECTION 15 – REGULATORY INFORMATION

Federal: *Toxic Substances Control Act (TSCA)*
Section 8(b) – Inventory Status
“All components of this product are registered under the regulations of the Toxic Substances Control Act”.

SARA Title III: Section 313: This section does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of the Title III of the *Superfund Amendments and Reauthorization Act* of 1986 (SARA) and 40 CFR part 372.

State Regulations: California Proposition 65: Proposition 65, the *Safety Drinking Water and Toxic Enforcement Act* of 1986: This product contains chemical(s) known to the state of California to cause lung cancer or reproductive damage.
0.1–1.0% Crystalline silica, listed October 1, 1988.

WHMIS Identification/other international regulations B3, D2B.

SECTION 16

Drums of this material should be grounded when pouring. This product contains the following substance(s) identified by OSHA, WHMIS, or the ACGIH as hazardous. During normal use, the material will not present an exposure risk. If the product dries to a stage where it can be abraded, and dusting occurs then exposure may occur.

Kaolin (1332–58–7): Exposure limit total dust 10mg/M3 (OSHA) 10mg/M3 (ACGIH).
Exposure limit respirable dust 5mg/M3 (OSHA) 2mg/M3 (ACGIH).
LD50: no data found LC50: no data found.

Silica–crystalline
(14808–60–7): Exposure limit respirable dust 0.1 mg/M3 (ACGIH)
LD50: no data found, LC50: no data found

HMIS Rating: Health–2, Flammable–2, Reactivity–0

See Section 8: exposure controls/personal protection for personal protective equipment recommendations.

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Hot Foot® American L.P. from its suppliers, and because Hot Foot® America L.P. has no control over the conditions of handling and use, Hot Foot® America L.P. makes no warranty, express or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Hot Foot® America L.P. products to comply with all applicable federal, state and local laws and regulations.

Friday, June 22, 2001