

MATERIAL SAFETY DATA SHEET

MAGNAFLUX® PREPARED BATH 7HF

1. IDENTIFICATION

Company: MAGNAFLUX

Address: 3624 West Lake Avenue, Glenview, Illinois 60026

Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).

Product Use: Magnetic particle inspection.

Packages: Aerosols.

NFPA Rating: Health 1, Flammability 4, Reactivity 0

PIN (Canada): None

Revision Date: April 16, 2010

Date Australian contact details added: May 2013

Australian Distributor: Russell Fraser Sales Pty Ltd. 7/38 Waratah Street, Kirrawee, NSW, 2232, AUS

Phone: 02 9545 4433 (7am-5pm AEST) Fax: 02 9545 4218 Emergency Tel After Hours: 0416 055 166

2. INGREDIENTS

Ingredient	Wt./Wt. %	CAS #	TLV	PEL	LD50	LC50
White mineral oil (petroleum)	60-100	8042-47-5 or 64742-47-8	5 mg/m3	5 mg/m3	not avail.	not avail.
Liquefied petroleum gasses (propellant) 30		68476-86-8	not avail.	1000 ppm	not avail.	not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Extremely flammable aerosol. Bland oily liquid which may irritate the skin.

POTENTIAL HEALTH EFFECTS

Skin Contact: May irritate by removing natural skin oils on long or repeated exposures.

Eyes: Possibly irritating.

Inhalation: Isobutane vapors may cause dizziness and nausea.

Ingestion: Not significant in small (mouthful) amounts.

Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact: Wash off with soap and water. Use soothing lotion.

Eyes: Rinse carefully under upper and lower eyelids using plenty of water.

Inhalation: Remove to fresh air if dizzy or nauseated.

Ingestion: Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. FIRE HAZARD

Conditions of flammability: Spraying near flames or arcs will ignite the spray mist.

Flash point (Bulk): Not applicable.

Flammable limits in air: 1% to 6%

Extinguishing media: Carbon dioxide, foam.

Special fire fighting procedures: Keep containers cool with water spray. Do not spray water on burning 7HF. It will float and spread the fire.

Hazardous combustion products: Smoke, soot, oxides of carbon.

Unusual fire hazards: Aerosol cans may burst if heated above 130°F (54°C) and spray contents into a fire.

6. ACCIDENTAL RELEASE MEASURES

Mop up or sweep up with absorbent. (For disposal, see Section 13.)

7. HANDLING AND STORAGE

Avoid breathing spray mist.

Avoid repeated or prolonged skin contact.

Do not spray around arcs or flames.

Store away from heat sources.

Storage Level 3 Aerosols per NFPA 30B

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: Use where ventilation will carry spray mist away from occupied areas.

Personal protection: Wear nitrile rubber gloves if hand exposure is unavoidable.

9. PHYSICAL PROPERTIES

Initial boiling point (bulk): Min. 455° F (235° C) (ASTM D-86) Vapor pressure: Aerosol: 65 psi @ 75°F (24°C)

VOC Content (EPA Method 24): 795 g/L Vapor density: 2

Density/sp. gravity: 0.82 Evaporation rate: Not applicable

Water solubility: 0 Appearance: Black, oily liquid

pH: Neutral Odor: Mild oily odor

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None

Hazardous decomposition products: When burning, soot, carbon oxides.

Reactivity: None

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.

Threshold limit value (Bulk): 5 mg/m3 for oily mist.

WHMIS information (Canada): According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. ECOLOGICAL INFORMATION

No data is available on 7HF. It floats on water and can be skimmed off. Isobutane is not an ozone depleter.

13. DISPOSAL

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORTATION

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

Aerosol

Proper shipping name: Consumer Commodity

Hazard class or division: ORM-D

Identification No.: None

Packing Group: None

IATA: List of Dangerous Goods Aerosol

Proper shipping name: Aerosols, flammable

Hazard class or division: 2.1

Identification No.: UN1950

Packing Group: -

IMDG: General Index Aerosol

Proper shipping name: AEROSOLS

Hazard class or division: 2.1

Identification No.: UN1950

Packing Group: -

15. REGULATORY INFORMATION

TSCA: All ingredients are listed in TSCA inventory.

CERCLA: Not reportable

SARA TITLE III, Section 313: No reportable ingredients

California Proposition 65: Warning: This material may contain trace amounts of chemicals known to the state of California to cause cancer and/or birth defects and/or reproductive harm

WHMIS Class (Canada): Aerosol: A, B-5.

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. OTHER INFORMATION

Revision Statement: Section 7

Supersedes: March 29, 2010

Prepared by: Tamie Simmons, Research Manager