

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

2. INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
White mineral oil (petroleum)	60-100	8042-47-5 or 64742-47-8	5 mg/m ³	5 mg/m ³	not avail.	not avail.
Liquefied petroleum gases (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**

<i>Initial boiling point (bulk):</i>	Min. 455° F (235° C) (ASTM D-86)	<i>Vapor pressure:</i>	Aerosol: 65 psi @ 75°F (24°C)
<i>VOC Content (EPA Method 24):</i>	795 g/L	<i>Vapor density:</i>	2
<i>Density/sp. gravity:</i>	0.82	<i>Evaporation rate:</i>	Not applicable
<i>Water solubility:</i>	0	<i>Appearance:</i>	Black, oily liquid
<i>pH:</i>	Neutral	<i>Odor:</i>	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

Proper shipping name: Aerosol
Consumer Commodity
Hazard class or division: ORM-D
Identification No.: None
Packing Group: None

IATA: List of Dangerous Goods

Proper shipping name: Aerosol
Aerosols, flammable
Hazard class or division: 2.1
Identification No.: UN1950
Packing Group: -

IMDG: General Index

Proper shipping name: Aerosol
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
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