MATERIAL SAFETY DATA SHEET
SPOTCHECK® SOLVENT BASED CLEANER/REMOVER SKC-HF

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: Wipe on solvent cleaner/remover for penetrant inspection
   Packages: 1 gallon cans, 5 gallon pails, 55 gallon drums, aerosols.
   NFPA Rating: Health 1, Flammability 2, Reactivity 0
   PIN (Canada): Bulk: UN 1268
   Revision Date: April 8, 2013

2. HAZARDOUS INGREDIENTS
   
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Wt./Wt. %</th>
<th>CAS #</th>
<th>TLV</th>
<th>PEL</th>
<th>LD₅₀</th>
<th>LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy</td>
<td>60-100</td>
<td>64742-48-9</td>
<td>not avail.</td>
<td>not avail.</td>
<td>&gt;5 g/kg (oral/rat)</td>
<td>not avail.</td>
</tr>
<tr>
<td>Carbon dioxide (propellant for aerosols only)</td>
<td>3-7</td>
<td>124-38-9</td>
<td>not avail.</td>
<td>5,000 ppm</td>
<td>not avail.</td>
<td>not avail.</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION
   
   EMERGENCY OVERVIEW
   Bulk material is a combustible liquid. High vapor concentrations irritate eyes and respiratory tract. Aerosol is flammable.

   POTENTIAL HEALTH EFFECTS
   Skin Contact: Can irritate by removing natural skin oils on long or repeated exposures.
   Eyes: Can irritate.
   Inhalation: 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: Bulk: Can be ignited by an ignition source. Aerosol: Spraying near an ignition source will ignite spray mist.
   Flash point: Min. 130°F (54°C)(Pensky-Martens closed cup)
   Flammable limits in air: 1% to 9%
   Extinguishing media: Carbon dioxide, foam, dry chemical
   Special fire fighting procedures: Keep containers cool with water spray. Do not spray water directly on burning SKC-HF. It will float and spread the fire.
   Hazardous combustion products: Smoke, soot, oxides of carbon.
   Unusual fire hazards: Aerosol cans may burst at temperatures over 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 eye contact.
   Avoid repeated or prolonged skin contact.
   Avoid breathing spray mist.
   Do not use next to arcs or flames.
8. EXPOSURE CONTROLS/PERSOANAL PROTECTION
Controls: Use where ventilation will carry spray mist away from occupied areas.
Personal protection: Wear safety glasses to protect eyes. Wear nitrile rubber gloves if hand exposure is unavoidable. Respirator with solvent vapor absorbing cartridge if used in enclosed, unventilated space.

9. PHYSICAL PROPERTIES
Initial boiling point (bulk): Min. 351°F (177°C) (ASTM D-86) Vapor pressure: Bulk: 0.9mm @ 68°F (20°C).
Aerosol: 105 psi @ 75°F (24°C)
VOC Content (EPA Method 24): 752 g/L
Density/sp. gravity: 0.76
Water solubility: 0
pH: Neutral
Vapor density: Heavier than air
Evaporation rate: .08 of Butyl Acetate
Appearance: Clear, colorless liquid
Odor: Very mild odor

10. STABILITY AND REACTIVITY
Stability: Stable
Incompatibility: None
Hazardous decomposition products: Soot, oxides of carbon when burning
Reactivity: None

11. TOXICOLOGICAL INFORMATION
Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit value: 300 ppm
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 SKC-HF. It floats on water and evaporates away. It is 100% VOC.

13. DISPOSAL
As hazardous waste, send to licensed waste handler who can blend it into secondary fuels.
RCRA: Hazardous waste.
U.S. EPA Waste Number: D001

14. TRANSPORTATION

<table>
<thead>
<tr>
<th>Proper shipping name:</th>
<th>Petroleum distillates, n.o.s.</th>
<th>None, Not Restricted</th>
<th>Consumer commodity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard class or division:</td>
<td>3</td>
<td>None</td>
<td>ORM-D</td>
</tr>
<tr>
<td>Identification No.:</td>
<td>UN 1268</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>III</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proper shipping name:</th>
<th>Petroleum distillates, n.o.s.</th>
<th>None, Not Restricted</th>
<th>Aerosols, flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard class or division:</td>
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<td>None</td>
<td>2.1</td>
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<tr>
<td>Identification No.:</td>
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<td>UN1950</td>
</tr>
<tr>
<td>Packing Group:</td>
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<td>None</td>
<td>-</td>
</tr>
</tbody>
</table>

IMDG: General Index

<table>
<thead>
<tr>
<th>Proper shipping name:</th>
<th>PETROLEUM DISTILLATES, N.O.S.</th>
<th>Non-Bulk</th>
<th>Aerosol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard class or division:</td>
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<td>None</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Identification No.:</td>
<td>UN1268</td>
<td>None</td>
<td>UN1950</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>III</td>
<td>None</td>
<td>-</td>
</tr>
</tbody>
</table>
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:** Contains nothing on this list
- **WHMIS Class (Canada):** Non-Aerosol: B-3. 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 9
- **Supersedes:** MSDS dated November 13, 2006
- **Prepared by:** Tamie Simmons, Research Manager