

MATERIAL SAFETY DATA SHEET

SPOTCHECK[®] CLEANER/REMOVER SKC-S

1. IDENTIFICATION

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60025
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 can, 5 gallon pail, 55 gallon drums, aerosols
NFPA Rating: Health 1, Flammability 3, Reactivity 0
PIH (Canada): Bulk: UN1268
Revision Date: April 22, 2002

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>WL/WL %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Light aliphatic solvent naphtha	60-100	64742-89-8	300ppm (8 hr. TWA)	not avail.	5 g/kg (oral/rat)	3400 ppm (4hrs/rat)
Carbon dioxide (propellant) (for 12 oz. and 16 oz. aerosol)	3-7	124-38-9	not avail.	5000 ppm	not avail.	not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Flammable liquid and aerosol. Irritating to skin, eyes, and respiratory tract.

POTENTIAL HEALTH EFFECTS & SIGNS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Can irritate by removing natural skin oils on long or repeated exposures.
Eyes: Irritating.
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 small 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 and aerosol: Readily ignited in presence of ignition sources.
Flash point: Min. 50°F (10°C) (Pensky-Martens) closed cup.
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 directly on burning SKC-S. 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 eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist. Do not spray near arcs or flames.

8. EXPOSURE CONTROLS/PERSONAL 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**
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| <i>Initial boiling point (bulk):</i> | Min. 240°F (116°C) (ASTM D-86) | <i>Vapor pressure:</i> | 12 and 16 oz. Aerosol: 105psi @ 75°F(24°C)
Bulk: 30mm @ 70°F (21°C) |
| <i>Percent volatile:</i> | 99.9 (EPA Method 24) | <i>Vapor density:</i> | Heavier than air |
| <i>Density/sp. gravity:</i> 0.76 | <i>Evaporation rate:</i> | <i>Fast</i> | |
| <i>Water solubility:</i> | 0 | <i>Appearance:</i> | Clear, colorless liquid |
| <i>pH:</i> | Neutral | <i>Odor:</i> | Naphtha odor |
10. **STABILITY AND REACTIVITY**
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|--|-------------------------------------|
| <i>Stability:</i> | Stable |
| <i>Incompatibility:</i> | None |
| <i>Hazardous decomposition products:</i> | Soot, oxides of carbon when burning |
| <i>Reactivity:</i> | None |
11. **TOXICOLOGICAL INFORMATION**
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|------------------------------------|---|
| <i>Carcinogenicity:</i> | Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH. |
| <i>Threshold limit value:</i> | 300 ppm |
| <i>WHMIS information (Canada):</i> | 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-S. 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.
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| <i>RCRA:</i> | Hazardous waste. |
| <i>U.S. EPA Waste Number:</i> | D001 |
14. **TRANSPORTATION**
- U.S. DOT: 49 CFR 172.101 Hazardous Materials Table**
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| <i>Proper shipping name:</i> | <u>Bulk</u>
Petroleum distillates, n.o.s. | <u>Aerosol</u>
Consumer Commodity |
| <i>Hazard class or division:</i> | 3 | ORM-D |
| <i>Identification No.:</i> | UN1268 | None |
| <i>Packing Group:</i> | II | None |
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- | | | |
|--------------------------------------|-------------------------------|---------------------|
| IATA: List of Dangerous Goods | <u>Bulk</u> | <u>Aerosol</u> |
| <i>Proper shipping name:</i> | Petroleum distillates, n.o.s. | Aerosols, flammable |
| <i>Hazard class or division:</i> | 3 | 2.1 |
| <i>Identification No.:</i> | UN1268 | UN1950 |
| <i>Packing Group:</i> | II | - |
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- | | | |
|----------------------------------|------------------------------|----------------|
| IMDG: General Index | <u>Bulk</u> | <u>Aerosol</u> |
| <i>Proper shipping name:</i> | PETROLEUM DISTILLATES,N.O.S. | AEROSOLS |
| <i>Hazard class or division:</i> | 3.2 | 2.1 |
| <i>Identification No.:</i> | UN1268 | UN1950 |
| <i>Packing Group:</i> | II | - |
14. **REGULATORY INFORMATION**
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|-------------------------------------|---|
| <i>TSCA:</i> | All ingredients are listed in TSCA inventory. |
| <i>CERCLA:</i> | Not reportable |
| <i>SARA TITLE III, Section 313:</i> | No reportable ingredients |
| <i>California Proposition 65:</i> | Contains nothing on this list |
| <i>WHMIS Class (Canada):</i> | Bulk: B-2, D-2B; Aerosol: A, B-5, D-2B |
- Note:** This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.
15. **OTHER INFORMATION**
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| <i>Revision Statement:</i> | Updated Sections #1, #2, and #9. |
| <i>Supersedes:</i> | MSDS dated 10/26/01 |
| <i>Prepared by:</i> | Patricia Sebring, Technical Support Chemist |

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