

Note: This MSDS is a discontinued item. Magnaflux does not update the MSDS for an obsolete product. This MSDS, dated May 3, 1996 is the most recent MSDS available.



MATERIAL SAFETY DATA SHEET

SPOTCHECK® CLEANER/REMOVER SKC-NF

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 2, Flammability 0, Reactivity 1
PIN (Canada): Bulk: UN2831
Revision Date: May 3, 1996

2. **HAZARDOUS INGREDIENTS**

<i>Ingredient</i>	<i>Wt./Wt. %</i>	<i>CAS #</i>	<i>TLV</i>	<i>PEL</i>	<i>LD₅₀</i>	<i>LC₅₀</i>
1,1,1-trichloroethane (methyl chloroform)	60-100	71-55-6	350 ppm	350 ppm	10.3 g/kg	18000 ppm(4h rat)
Dimethoxy methane	1-5	109-87-5	400 ppm	400 ppm	5.7 g/kg (oral/rabbit)	15000 ppm (rat)
2-methyl-2-propanol	0.5-1.5	75-65-0	100 ppm	100 ppm	3.5g/kg(oral/rat)	not avail.
Carbon dioxide (propellant)	3-7	124-38-9	5000 ppm	5000 ppm	not avail.	not avail.

3. **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW
Volatile nonflammable liquid. Vapors can cause unconsciousness at high concentration, and can decompose to form toxic gases at flame temperatures.

POTENTIAL HEALTH EFFECTS

Skin Contact: Can irritate by removing natural skin oils on long or repeated exposures.
Eyes: Irritating.
Inhalation: Dizziness, nausea, unconsciousness at high concentrations.
Ingestion: Low oral dose toxicity in test animals.
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. If unconscious, call physician immediately.
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: Nonflammable.
Flash point: None.
Flammable limits in air: 10% to 15% with intense ignition source.
Extinguishing media: None, self-extinguishing.
Special fire fighting procedures: Keep containers cool with water spray.
Hazardous combustion products: Smoke, soot, oxides of carbon, phosgene and hydrochloric acid. (See Section 10).
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). In case of large spill, evacuate area and have clean up crew wear respiratory protection.

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7. **HANDLING AND STORAGE**

Avoid breathing vapors.
Avoid eye contact.
Avoid repeated or prolonged skin contact.
Avoid breathing spray mist.
Do not spray near arcs or flames.
Store away from heat source.

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 poorly ventilated area.
Full mask with separate air supply in close, unventilated spaces.

9. **PHYSICAL PROPERTIES**

<i>Initial boiling point (bulk):</i>	162°F (72°C) ASTM D-86	<i>Vapor pressure:</i>	Bulk: 230 mm @ 70°F(24°C)
<i>Percent volatile:</i>	100%	<i>Aerosol:</i>	105psi @ 75°F (21°C)
<i>Density/sp. gravity:</i>	1.3	<i>Vapor density:</i>	4 to 5
<i>Water solubility:</i>	0	<i>Evaporation rate:</i>	0.4 of ether
<i>pH:</i>	Neutral	<i>Appearance:</i>	Clear, colorless liquid
		<i>Odor:</i>	Ethereal odor

10. **STABILITY AND REACTIVITY**

Stability: Partially decomposes in flame, arcs, red hot surface
Incompatibility: Powdered zinc and powdered aluminum
Hazardous decomposition products: Soot, hydrochloric acid and phosgene
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit (Bulk) value: 350 ppm PEL
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-NF. 1,1,1-trichloroethane (methyl chloroform) is a Class 1 Ozone Depleting Chemical (ODC).

13. **DISPOSAL**

Send to licensed facility for proper disposal.
RCRA: Hazardous waste.
U.S. EPA Waste Number: F002

14. **TRANSPORTATION**

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

	<u>Bulk</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	1,1,1-Trichloroethane	Consumer Commodity
<i>Hazard class or division:</i>	6.1	ORM-D
<i>Identification No.:</i>	UN2831	None
<i>Packing Group:</i>	III	None

15. **REGULATORY INFORMATION**

TSCA: All ingredients are listed in TSCA inventory.
CERCLA: Reportable quantity (RQ) for 1,1,1-Trichloroethane = 1000 lbs.
SARA TITLE III, Section 313: 1,1,1-Trichloroethane
California Proposition 65: Contains nothing on this list
WHMIS Class (Canada): Bulk: D-2B; Aerosol: D-2B, A
Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

Revision Statement: Section 1
Supersedes: MSDS dated 12/1/94

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