

#31769 & 31770

MATERIAL SAFETY DATA SHEET

Complies with OSHA's 29 CFR 1910.1200 and State Hazard Communication Standards.

ROCHESTER MIDLAND
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SECTION 1

PRODUCT IDENTITY: SOLOPINE, Deodorant Cleaner

DATE PREPARED: 4/28/92

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)
Health: 0/1 Fire: 0/0 Reactivity: 0/0 Special: NA

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Detergent mixture - eye irritant	Mixture	None Est.	None Est.	10 max.
Pine oil	8002-09-3	None Est.	None Est.	6
Isopropyl alcohol	67-63-0	400 ppm (500 ppm STEL)	400 ppm (500 ppm STEL)	1

Also contains sequestering agent and water.

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F	SPECIFIC GRAVITY: 0.998
VAPOR PRESSURE: As water	PERCENT VOLATILE: 90 @ 105°C
VAPOR DENSITY (air = 1): As water	EVAPORATION RATE: As water
SOLUBILITY IN WATER: Complete	pH: 10.5

APPEARANCE AND ODOR: Light amber clear liquid; pine odor

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None (TCC)	FLAMMABLE LIMITS: Not applicable
EXTINGUISHING MEDIA: As for surrounding fire (product is mostly water and will not burn).	
SPECIAL FIREFIGHTING PROCEDURES: None	

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5: REACTIVITY DATA

STABILITY: Stable	HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None	
INCOMPATIBILITY: Acid solutions neutralize active ingredients.	
HAZARDOUS DECOMPOSITION PRODUCTS: None	

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SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE: As any detergent. Eyes: irritation. Inhalation of spray mist may be irritating, possible nausea or dizziness. Skin: irritation or dermatitis with prolonged or repeated contact. Ingestion: May cause nausea, vomiting, cramps or diarrhea.

CHRONIC EFFECTS: None known.

CARCINOGENS: None under OSHA, IARC, or NTP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

EMERGENCY AND FIRST AID PROCEDURES: Eyes: rinse immediately with plenty of water. Skin: rinse with water. Ingestion: drink several glasses of water or milk to dilute. Get medical attention for eye, ingestion, or if irritation persists.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: SMALL SPILLS: Rinse down drain, or mop up.
LARGE SPILLS: Dike to contain spill, reclaim all possible. Absorb remainder with inert material. Flush away residue.

WASTE DISPOSAL METHOD: Dispose of as detergent in accordance with Federal, State and local regulations.

HANDLING AND STORING: Store indoors.

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: None normally required.

VENTILATION: None required.

GLOVES: As needed to avoid prolonged contact.

EYE PROTECTION: Goggles recommended when transferring concentrate.

OTHER PROTECTIVE EQUIPMENT: None.

WORK/HYGIENIC PRACTICES: None.

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