

JUL 29 1991

(W)

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: BIOGENIC SE 373 AEROSOL

Extra Strength Cleaner

DATE PREPARED: 3/21/89

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

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> |
|------------------------------------|--------------|-----------------|------------------|-----------------|
| d-Limonene - combustible liquid | 5989-27-5 | Not est. | Not est. | 87 max. |

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS (active ingredients)

BOILING POINT: 310°F
VAPOR PRESSURE: 1 mm Hg @ 20°C
VAPOR DENSITY (air = 1): 4.69
SOLUBILITY IN WATER: emulsifies

SPECIFIC GRAVITY: 0.859
PERCENT VOLATILE: 88 @ 110°C
EVAPORATION RATE: slow
pH: (10% solution) 6-8

APPEARANCE AND ODOR: Clear colorless liquid, citrus odor.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA; flame extension less than 18 in. FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, high expansion foam.
SPECIAL FIREFIGHTING PROCEDURES: Cool cans with water in the vicinity of fire or excessive heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Temperatures above 120°F may cause cans to burst.

SECTION 5: REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Temperatures above 120°F and open flames.

INCOMPATIBILITY: Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion produces fumes, smoke, and carbon monoxide.

MATERIAL SAFETY DATA SHEET: BIOGENIC SE 373 AEROSOL

PAGE 2 OF 2

SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE: Eye irritant. Prolonged skin contact can cause irritation or dermatitis. Excess inhalation may cause nose and respiratory irritation; headache, nausea, dizziness.

CHRONIC EFFECTS: None known.

CARCINOGENS: None under OSHA, IARC or NTP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory (from inhalation)

EMERGENCY AND FIRST AID PROCEDURES: Eyes: Immediately flush with plenty of water for 15 minutes. Skin: wash with water. Inhalation: remove to fresh air. Ingestion: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get medical attention for eye, ingestion, or if irritation persists.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: Absorb with inert material. Wash area with soap and water, then flush with water.

WASTE DISPOSAL METHOD: Dispose cans in non-incinerated trash only.

HANDLING AND STORING: Use with adequate ventilation. Do not store near heat, spark sources, open flame or where temperature exceeds 120°F

OTHER PRECAUTIONS: Keep away from children and pets. Avoid prolonged or repeated breathing of vapors or spray mist and skin contact. Avoid getting in eyes.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: If used with adequate ventilation usually none required.

VENTILATION: Local exhaust preferred; mechanical ventilation optional.

GLOVES: Vinyl coated if desired.

EYE PROTECTION: Goggles or face shield if desired.

OTHER PROTECTIVE EQUIPMENT: As required to prevent prolonged or repeated skin contact.

WORK/HYGIENIC PRACTICES: Wash skin contact areas immediately. Wear solvent resistant gloves for other than incidental hand contact while using product or solutions.

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