

#31827, 31828

Pg 1

(C)

MATERIAL SAFETY DATA SHEET

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

ROCHESTER MIDLAND
P.O. BOX 1515
ROCHESTER, NY 14603-1515
(716) 336-2200

Medical Emergency Telephone (716) 266-2283

SECTION 1

PRODUCT IDENTITY: SEE THRU

DATE PREPARED: 2/2/93

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)
Health: 1/1 Fire: 1/1 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>
Isopropyl alcohol	67-63-0	400 ppm	400 ppm	less than 1
2-Butoxyethanol*	111-76-2	25 ppm (skin)	25 ppm (skin)	2 max.

Balance of ingredients nonhazardous: detergent (trace), water.

*SARA Title III Section 313 (40 CFR 372) reportable as Glycol Ether category.

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F	SPECIFIC GRAVITY: 0.973
VAPOR PRESSURE: As water	PERCENT VOLATILE: 99 min.
VAPOR DENSITY (air = 1): As water	EVAPORATION RATE: As water
SOLUBILITY IN WATER: Complete	pH: 7.5

APPEARANCE AND ODOR: Blue liquid, alcohol odor.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Over 180°F (TCC)	FLAMMABLE LIMITS: None established
Product is an aqueous solution which does not sustain combustion or present a significant fire hazard.	
EXTINGUISHING MEDIA: As appropriate 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: None	

HAZARDOUS DECOMPOSITION PRODUCTS: None

31828

31827, 31828

Page 2

MATERIAL SAFETY DATA SHEET: SEE THRU

PAGE 2 OF 2

SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE: Eyes: may cause mild irritation. Skin: possible dryness; irritation with prolonged contact; possible systemic effects such as nausea or dizziness with prolonged or repeated contact. Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness. Ingestion: May cause severe irritation; nausea, vomiting, diarrhea, dizziness.

CHRONIC EFFECTS: 2-Butoxyethanol is readily absorbed through the skin; fequent or widespread contact may absorb harmful amounts. Repeated overexposure may cause damage to liver, kidney and red blood cells.

CARCINOGENS: None listed under OSHA, IARC, or NTP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, liver or kidney disorders.

EMERGENCY AND FIRST AID PROCEDURES: Eyes: immediately flush with plenty of water. Consult physician if irritation persists. Skin: wash thoroughly with soap and water. Inhalation: remove to fresh air. Aid breathing as needed. Get medical attention if effects persist. Ingestion: drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: SMALL SPILLS: Flush with water.

LARGE SPILLS: Dike to contain, reclaim all possible. Flush remainder with water.

WASTE DISPOSAL METHOD: Dispose of as any detergent in accordance with Federal, State and local regulations. Some releases of glycol ethers may be CERCLA reportable.

HANDLING AND STORING: Do not get in eyes. Use with adequate ventilation. When applying, use a coarse spray to avoid creating mists or vapors. Avoid prolonged or repeated skin contact.

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: None normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

VENTILATION: General mechanical and/or local exhaust as needed to prevent irritation or maintain below exposure limits.

GLOVES: Rubber or plastic recommended to minimize skin contact.

EYE PROTECTION: Chemical safety glasses if splashes likely.

OTHER PROTECTIVE EQUIPMENT: None required.

WORK/HYGIENIC PRACTICES: Wash skin thoroughly after handling. Do not wear clothing wet with product. Remove and launder contaminated clothing before reuse.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

Ref # 29-60-282