

Product: 20-8192 (PRE-CLEAN)

Preparation Date: 27/05/03; 27 May 03

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SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: Does not burn.

SPECIAL FIREFIGHTING PROCEDURES: Does not burn.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Reclaim clean material. Place contaminated material in covered waste container and dispose of in accordance with local and national regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Avoid contact with skin. Follow good general industrial safety practices during use and handling. FOR INDUSTRIAL USE ONLY.

STORAGE: Keep from freezing. KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No information.

RESPIRATORY PROTECTION: None normally required under good general industrial ventilation.

SKIN PROTECTION: Clean clothing to cover skin. Nitrile gloves. Butyl rubber gloves. Vinyl gloves. Latex gloves.

EYE PROTECTION: Splash goggles. Face shield

OTHER PROTECTIVE EQUIPMENT: Accessible eye wash and safety shower.

HYGIENIC PRACTICES: DO NOT reuse empty containers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: 38 - 41 C	VAPOR DENSITY	: Is heavier than air
ODOR	: Acidic acrid	ODOR THRESHOLD	: No data
APPEARANCE	: Light yellow	EVAPORATION RATE	: Is faster than Butyl Acetate
SOLUBILITY IN H2O	: Complete	SPECIFIC GRAVITY	: 1.0021
FREEZE POINT	: Appr 0 degC	pH @ 100.0 %	: 2.6
VAPOR PRESSURE	: 17.5mmHg@20degC	VISCOSITY	: Low
PHYSICAL STATE	: Liquid		

COEFFICIENT OF WATER/OIL DISTRIBUTION: N/A
(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No information.

INCOMPATIBILITY: Strong bases or oxidants. Metals. Surface-active compounds. Heat and flame. Amines.

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SECTION 10 - STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No product or component toxicological information is available.

Toxicological Test Data: No information.

ACUTE EFFECTS - EYE CONTACT: Severely irritating to eyes. Prolonged contact may cause permanent injury.

ACUTE EFFECTS - SKIN CONTACT: Irritating to skin. Contact may cause drying, redness, and dermatitis. May cause damage to skin if not removed promptly.

ACUTE EFFECTS - INHALATION: Respiratory irritant. Liquid aspirated into lungs may cause serious injury or death. Extreme or very high overexposure may cause inflammation and ulceration of the respiratory tract.

ACUTE EFFECTS - INGESTION: This material may be harmful swallowed. May cause irritation or burns to mouth, throat and stomach with nausea, abdominal pain, and collapse.

CHRONIC OVEREXPOSURE EFFECTS: No information.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL TEST DATA: No information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Neutralize and dispose of liquid in accordance with local and national regulations. DO NOT put down drains.

SECTION 14 - TRANSPORT INFORMATION

INTERNATIONAL SHIPPING NAME: Not considered a dangerous good for shipping

INTERNATIONAL ID NUMBER: N/A

IMDG CLASS (1ø,2ø): N/A

PACKING GROUP: N/A

IMDG EMS: N/D

IATA CLASS (1ø,2ø): N/A

SECTION 15 - REGULATORY INFORMATION

CHiP SUPPLY LABEL RISK PHRASES: (R36/37/38) Irritating to eyes, skin, and respiratory system.

CHiP SUPPLY LABEL SAFETY PHRASES: (S37/39) Wear suitable gloves and eye/face protection. (S26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

CHiP SUPPLY LABEL SYMBOLS: Irritant, Xi

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| SECTION 16 - OTHER INFORMATION |
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ADMINISTRATIVE REVISION DATE:

REASON FOR ADMINISTRATIVE REVISION:

PREVIOUS MSDS REVISION DATE: 22/10/02

REASON FOR REVISION: updated section(s): 2,3,15

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

LEGEND: N.A. - No information, N.E. - Not Established,
N.D. - Not Determined

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists; UK = United Kingdom; REL = Recommended Exposure Limit; MAK = Maximale Arbetisplatzkonzentration (Maximum Concentration in the Workplace); TLV-TWA = Threshold Limit Value-Time Weighted Average (8 hours); STEL = Short-Term Exposure Limit (15 minutes); C = Ceiling Value; PEL = Permissible Exposure Limit

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