

SECTION 4 - FIRE AND EXPLOSION DATA - continued

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

HAZARDOUS COMBUSTION PRODUCTS: Emits Acrid smoke when heated beyond boiling point.

SECTION 5 - REACTIVITY DATA

STABILITY: _____ STABLE: X UNSTABLE: _____

POLYMERIZATION: _____ WILL NOT OCCUR: X WILL OCCUR: _____

CONDITIONS TO AVOID: High heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Alkali will inactivate product.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

| | <u>YES</u> | <u>NO</u> | <u>NE</u> | <u>NA</u> | <u>NTP</u> | <u>IARC</u> | <u>OSHA</u> | <u>OTHER</u> |
|----------------------|------------|-----------|-----------|-----------|------------|-------------|-------------|--------------|
| MUTAGENIC AFFECTS: | | <u>X</u> | | | | | | |
| TERATOGENIC AFFECTS: | | <u>X</u> | | | | | | |
| REPRODUCTIVE TOXIN: | | <u>X</u> | | | | | | |
| CARCINOGENICITY: | | <u>X</u> | | | | | | |
| SENSITIZER: | | <u>X</u> | | | | | | |
| ROUTES OF ENTRY: | | | | | | | | |
| | INHALATION | _____ | SKIN | <u>X</u> | | INGESTION | | X |

HEALTH HAZARD: (ACUTE AND CHRONIC): Acidic solution (pH=1.90), care should be taken to avoid contact with skin or eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Do not induce vomiting - give large volumes of water. Seek medical attention.

SKIN: Wash with soap and water. If irritation develops seek medical attention.

EYES: Flush with water for 15 minutes. If irritation develops seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Neutralize with diluted hydroxide.

WASTE DISPOSAL METHOD: Dilute with water and flush into drain with large volumes of water.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool dry place in tightly closed container.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required

VENTILATION: LOCAL EXHAUST: N.A. MECHANICAL: N.A.

None required SPECIAL: N.E. OTHER: N.A.

PROTECTIVE GLOVES: Latex gloves are recommended.

EYE PROTECTION: Goggles or full face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Do not spill on clothing. Eye wash station.

WORK/HYGIENIC PRACTICE: N.E.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

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Date: 03 January 2000

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

NFPA

FIRE 0 TOXICITY 2 REACTIVITY 0 SPECIAL ACID