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**REACTIVITY DATA**

**Chemical Stability:** STABLE

**Incompatibility:** STRONG OXIDIZERS

**Conditions of Reactivity:**

**Hazardous Decomposition Products:** CARBON MONOXIDE AND ASPHYXIANTS

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**TOXICOLOGICAL PROPERTIES**

**Route of Entry:**

**Effects of Acute or Chronic Exposure:**

**SKIN CONTACT -** MAY CAUSE MILD IRRITATION WITH PROLONGED OR REPEATED CONTACT.

**SKIN ABSORPTION -** PRACTICALLY NON-TOXIC IF ABSORBED (LD<sub>50</sub> GREATER THAN 2000 mg/kg).

**EYE CONTACT -** CONTACT WITH EYES MAY CAUSE MILD IRRITATION.

**INHALATION -** LOW ACUTE TOXICITY. EXCESIVE EXPOSURE MAY CAUSE IRRITATION TO NOSE, THROAT, LUNGS, AND RESPIRATORY TRACT.

**INGESTION -** HARMFUL OR FATAL IF SWALLOWED. PULMONARY ASPIRATION HAZARD IF SWALLOWED AND/OR VOMITING OCCURS – CAN ENTER LUNGS AND CAUSE DAMAGE. ESTIMATED ORAL LD<sub>50</sub> IN RATS > 15 g/kg (PRACTICALLY NON-TOXIC).

**Exposure Limits:** 8 HOUR TIME WEIGHTED PERMISSIBLE EXPOSURE 5.0 mg/m<sup>3</sup>

**Synergistic Products:**

**Sensitization / Irritancy:**

**Carcinogenicity:** NOT LISTED UNDER IARC, NTP, OSHA, ACGIH.

**Teratogenicity /Mutagenicity / Reproductive Effects:** NONE KNOWN

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**PREVENTIVE MEASURES:**

**Personal Protective Equipment:**

**SKIN -** IMPERVIOUS GLOVES RECOMMENDED WHEN PROLONGED SKIN CONTACT CAN OCCUR. IF CONTACT IS UNAVOIDABLE, WEAR IMPERVIOUS PROTECTIVE GEAR. LAUNDER SOILED CLOTHES.

**INHALATION -**AIR CONCENTRATION WILL DETERMINE PROTECTION REQUIRED. USE ONLY CERTIFIED RESPIRATORY PROTECTION. RESPIRATOR PROTECTION USUALLY NOT NEEDED UNLESS PRODUCT IS HEATED OR MISTED.

**EYES -** SPLASH-PROOF CHEMICAL GOGGLES RECOMMENDED TO PROTECT AGAINST SPLASHING.

**Engineering Controls:** VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMIT.

**Leak or Spill Procedure:** CONTAIN SPILL. ABSORB ON INERT MATERIAL. SHOVEL, SWEEP, OR VACUUM SPILL.

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**PREVENTIVE MEASURES (continued)**

**Disposal:** DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

**Handling Procedures and Equipment:**

AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WASH THOROUGHLY AFTER HANDLING. NEVER SIPHON BY MOUTH.

**Storage Requirements:**

NFPA CLASS III B STORAGE. KEEP OUT OF REACH OF CHILDREN. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

**Shipping Information:**

NOT REGULATED BY TDG

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**FIRST AID MEASURES:**

**SKIN -** WASH WITH SOAP AND WATER UNTIL NO ODOUR REMAINS. IF REDNESS OR SWELLING DEVELOPS, OBTAIN MEDICAL ASSISTANCE. WASH CLOTHING BEFORE RE-USE.

**EYES -** FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ASSISTANCE.

**INHALATION -**MOVE PERSON TO FRESH AIR.

**INGESTION -** DO NOT INDUCE VOMITING. DO NOT GIVE LIQUIDS. OBTAIN EMERGENCY MEDICAL ATTENTION. SMALL AMOUNTS THAT ACCIDENTALLY ENTER THE MOUTH SHOULD BE RINSED OUT UNTIL TASTE OF IT IS GONE.

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**ADDITIONAL INFORMATION:**

TOXIC TO FISH.

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**PREPARATION INFORMATION**

**Department:**

**Phone Number:**

**Date:**

TECHNICAL

(905) 793-7000

SEPTEMBER 2008

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NA - Not Applicable

ND - Not Determined