



# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 03-10-97 REVISED 12-02-02

MATERIAL SAFETY DATA SHEET

## LIQUID SNOW & ICE

WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. DO NOT REUSE CLOTHING UNTIL THOROUGHLY DECONTAMINATED. **INHALATION:** REMOVE VICTIM TO FRESH AIR AND TREAT SYMPTOMATICALLY. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF THE VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION.

**INGESTION:** DILUTE WITH TWO GLASSES OF WATER UNLESS THE VICTIM IS UNCONSCIOUS OR VERY DROWSY. INDUCE VOMITING BY GIVING TWO TABLESPOONS OF IPECAC OR BY TOUCHING A FINGER TO THE BACK OF THE VICTIM'S THROAT. KEEP THE VICTIM'S HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. CONSULT A PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER AND/OR TRANSPORT TO AN EMERGENCY FACILITY IMMEDIATELY.

**NOTES FOR PHYSICIAN:** THE FOLLOWING COMPONENT - SPECIFIC INFORMATION MAY CONTAIN CONTRADICTIONS, AND IS INTENTIONALLY INCLUDED TO GIVE THE ATTENDING PHYSICIAN SPECIFIC INFORMATION ABOUT THE INDIVIDUAL COMPONENTS OF THE BLEND. COMPONENT 2 ETHYLENE GLYCOL MAY CAUSE KIDNEY DAMAGE AND METABOLIC ACIDOSIS. ETHANOL IS ANTIDOTAL, AND ITS EARLY ADMINISTRATION MAY BLOCK THE FORMATION OF NEPHROTOXIC METABOLITES OF ETHYLENE GLYCOL IN THE LIVER. ETHANOL SHOULD BE GIVEN INTRAVENOUSLY, AS A 5% SOLUTION IN SODIUM BICARBONATE, AT A RATE OF ABOUT 10 ML ETHANOL PER HOUR. A DESIRED THERAPUTIC LEVEL OF ETHANOL IN BLOOD IS 1.00 MG/DL HEMODIALYSIS MAYBE REQUIRED. PULMONARY EDEMA WITH HYPOXEMIA HAS BEEN DESCRIBED IN A NUMBER OF PATIENTS FOLLOWING POISONING WITH ETHYLENE GLYCOL. THE MECHANISM OF PRODUCTION HAS NOT BEEN ELUCIDATED, BUT IT APPEARS TO BE NONCARDIOGENIC IN ORIGIN IN SEVERAL CASES. RESPIRATORY SUPPORT WITH MECHANICAL VENTILATION AND POSITIVE END-EXPIRATORY PRESSURE MAY BE REQUIRED.

### SECTION VI - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 200 DEGREES F. TCC

**EXTINGUISHING MEDIA:** USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

#### SPECIAL FIRE FIGHTING PROCEDURES AND

**PRECAUTIONS:** CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NISDH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN

CONTAINER RUPTURE. CONTAINERS THAT ARE EXPOSED TO DIRECT FLAME SHOULD BE COOLED WITH WATER TO ELIMINATE STRUCTURAL WEAKENING OF THE CONTAINER'S WALL AND POSSIBLE RUPTURE.

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### SECTION VII - REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID: BASED ON THE PRESENCE OF COMPONENT 2 AVOID OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES AND COMPOUNDS OF NITROGEN, CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

### SECTION VIII - EMPLOYEE PROTECTION

**RESPIRATORY PROTECTION:** USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. AT LEAST 10 AIR CHANGES PER HOUR ARE RECOMMENDED FOR GOOD GENERAL ROOM VENTILATION. IF EXPOSURE EXCEEDS THE PEL/TLV, USE THE APPROPRIATE NIOSH-APPROVED RESPIRATOR.

**PROTECTIVE CLOTHING:** WEAR SAFETY GLASSES, GOGGLES, OR A SPLASH SHIELD TO PREVENT EYE CONTACT. CONTACT LENSES SHOULD NOT BE WORN. WEAR APPROPRIATE GLOVES AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND CLOTHING.

**ADDITIONAL PROTECTIVE MEASURES:** EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

### SECTION IX - ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES:

LARGE SPILLS: EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAYBE USED TO SUPPRESS, CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP THE RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE, DISPOSE OF FLUSH SOLUTIONS AS ABOVE.

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## LIQUID SNOW & ICE

SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS, SEAL TIGHTLY FOR PROPER DISPOSAL.

WASTE DISPOSAL: OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING PROPER DISPOSAL.

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### **SECTION X – ADDITIONAL PRECAUTIONS**

AFTER CONTACT WITH PRODUCT OR CONTAINER WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.

UNDER THE PROVISIONS OF TITLE III, SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR, PART 372, THE FOLLOWING COMPONENTS MAY BE SUBJECT TO REPORTING:

ETHYLENE GLYCOL (CAS# 000107-21-1)      60.00 WT%

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