

MATERIAL SAFETY DATA SHEET

FOG FLUID

DATE PREPARED: 8/21/2001

HAZARD RATING: 4 EXTREME, 3 HIGH, 2 MODERATE, 1 SLIGHT, 0 INSIGNIFICANT
FIRE - 0 TOXICITY - 1 REACTIVITY - 0 SPECIAL - 0

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: FOG FLUID
MOLECULAR FORMULA: COMPLEX MIXTURE
CHEMICAL FAMILY: ORGANIC POLYOLS

CHEMICAL NAME: MIXTURE OF ORGANIC COMPOUNDS
SYNONYMS: NONE

SECTION 2 HAZARDOUS INGREDIENTS: NONE UNDER 29 CFR 1910.1200

CARCINOGENS: NONE

COMPONENTS: ORGANIC POLYOLS, UP TO 90%, LD/50 GREATER THAN 5 G/KG.

NO CHEMICAL IN THIS FORMULA IS CONSIDERED HAZARDOUS AS DEFINED BY THE FEDERAL GOVERNMENT'S S.A.R.A. TITLE III, SECTION 313, PART 372. ALL INFORMATION ON THIS SHEET IS TO SATISFY INSURANCE REQUIREMENTS AND IS FOR THE BENEFIT OF CUSTOMERS.

SECTION 3 PHYSICA PROPERTIES

VOLATILE BY VOLUME: 99%

VAPOR PRESSURE: 19 MM HG @ 68 DEG F

VOC'S LBS/GAL: 5.6 LBS/GAL

MELTING POINT: N/A

EVAPORATION RATE: (n-BUTYLACETATE=1.0): LESS THAN 0.1

SOLUBILITY IN WATER: MISCIBLE

APPEARANCE AND ODOR: COLORLESS LIQUID WITH PLEASANT MILD ODOR.

BOILING POINT: 244 DEG F

VAPOR DENSITY: (AIR=1) GREATER THAN 1

SPECIFIC GRAVITY: 1.077 @ 68 DEG F

PH (AS-IS): 6.65

SECTION 4 FIRE AND EXPLOSION INFORMATION

FLASH POINT: NOT COMBUSTIBLE AT 275 DEGREE F.

FLAMMABLE LIMIT: LOWER-0, UPPER-0

LEL: UNKNOWN

VEL: UNKNOWN

EXTINGUISHING MEDIA: CARBON DIOXIDE, CHEMICAL FOAM, OR WATER MIST

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO EXPLOSION HAZARD

SECTION 5 HEATH HAZARD DATA

THRESHHOLD LIMIT VALUE: ACUTE ORAL TOXICITY, LD/50 5G/KG

EFFECT OF OVEREXPOSURE: MAY CAUSE SLIGHT IRRITATION OF AREAS EXPOSED TO LIQUID.

MAY STING IF SPLASHED IN EYES. LOW ACUTE TOXICITY WHETHER BY THE ORAL OR INHALATION ROUTE.

VAPOR FROM THIS FLUID **MAY** BE IRRITATING TO SOME PERSONS WITH ALLERGENIC SENSITIVITY.

EMERGENCY AND FIRST AID PROCEDURE: IN CASE OF EYE AND SKIN CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. REMOVE PERSON SYMPTOMATIC FROM AEROSOL INHALATION TO FRESH AIR. IN CASE OF INGESTION, INDUCE VOMITING IMMEDIATELY. CONSULT PHYSICIAN IF SYMPTIONS PERSIST. NO SPECIFIC ANTIDOTE.

CHRONIC EFFECT OF OVEREXPOSURE: LONG TERM EFFECTS ARE NOT KNOWN TO RESULT FROM EXPOSURE BY INHALATION OR BY SKIN CONTACT.

SECTION 6 REACTIVITY DATA

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: UNDER CERTAIN CONDITIONS, CARBON MONOXIDE MAY FORM UNDER INCOMPLETE BURNING.

HAZARDOUS POLYMERIZATION: CAN NOT OCCUR.

STABILITY: STABLE

CONDITION TO AVOID: NONE

SECTION 7 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILL – ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBANT, OR OTHER ABSORBANT MATERIAL.

LARGE SPILL – STOP SPILL AT SOURCE. DIKE AREA TO PREVENT SPREADING. PUMP LIQUID AND OR ABSORB TO CONTAINER. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 PROTECTIVE EQUIPMENT VENTILATION-ADEQUATE. GENERAL EXHAUST-ACCEPTABLE. RESPIRATORY-NONE REQUIRED. EYE-SAFETY GOGGLES.

SECTION 9 TRANSPORTATION: SHIPPING NAME: FOG FLUID. CLASSIFICATION: NOT REGULATED BY DOT, IDENTIFICATION - NONE REQUIRED, REPORTABLE – NOT REQUIRED, INTERNATIONAL CLASS – NOT REQUIRED, ADDITIONAL LABELING – NOT REQUIRED.

WHILE THE MANUFACTURER BELIEVES THAT THE DATA CONTAINED HEREIN IS FACTUAL AND THE RESULTS OF ALL TESTING ACCURATE, THE DATA SHOULD NOT BE TAKEN AS A REPRESENTATION FOR WHICH WE ASSUME LEGAL RESPONSIBILITY. THIS DATA IS FURNISHED SOLELY FOR VERIFYING THE SAFETY OF THE PRODUCT UNDER NORMAL CIRCUMSTANCES. USE OF THIS DATA MUST BE DETERMINED BY THE USER TO BE IN ACCORDANCE WITH ALL APPLICABLE LAWS.