#### MATERIAL SAFETY DATA SHEET

SUPERIOR SIGNAL COMPANY, INC. P.O. BOX 96 SPOTSWOOD, NJ 08884 (732) 251-0800

DATE PREPARED: 01/11/02

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

CHEMICAL NAME:

MIXTURE OF ORGANIC COMPOUNDS

MOLECULAR FORMULA:

**COMPLEX MIXTURE** 

SYNONYMS:

NONE

CHEMICAL FAMILY:

ORGANIC POLYOLS

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**SECTION 2: HAZARDOUS INGREDIENTS** 

HAZARDOUS INGREDIENTS: NONE UNDER 29cfr 1910.1200

CARCINOGENS:

NONE

COMPONENTS:

ORGANIC POLYOLS, UP TO 90%, LD50 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 OUR CUSTOMERS.

**SECTION 3: PHYSICAL PROPERTIES** 

VOLATILE BY VOLUME:

99%

BOILING POINT:

118°C., 244°F

VAPOR PRESSURE

19mmHg/68°F

VAPOR DENSITY:

(AIR=1)GREATER THAN 1

VOC'S LBS/GAL:

5.6 LB\$/GAL

SPECIFIC GRAVITY:

1.077/68°F

MELTING POINT:

N/A

PH:

(AS-IS) 6.65

EVAPORATION RATE:

(N-BUTYLACETATE=1.0): LESS THAN 0.1

SOLUBILITY IN WATER:

MISCIBLE.

APPEARANCE AND ODOR:

COLORLESS LIQUID WITH PLEASANT MILD ODOR

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT:

NOT COMBUSTIBLE AT 275°F

FLAMMABLE LIMIT;

LOWER-0, UPPER-0

LEL:

UNKNOWN

**EXTINGUISHING MEDIA:** 

UNKNOWN CARBON DIOXIDE, CHEMICAL FOAM, OR WATER MIST

SPECIAL FIRE FIGHTING PROCEDURE:

NONE

UNUSUAL FIRE OR EXPLOSION HAZARD:

NO EXPLOSION HAZARD.

#### SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: ACUTE ORAL TOXICITY, LD50 5 g/Kg.

EFFECT OF OVER EXPOSURE: 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 SYMPTOMS PERSIST. NO SPECIFIC ANTIDOTÉ.

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

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# **SECTION 6: REACTIVITY DATA**

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS

HAZARDOUS POLYMERIZATION: CAN NOT OCCUR

STABILITY: STABLE CONDITION TO AVOID: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: UNDER CERTAIN CONDITIONS,

CARBON MONOXIDE MAY FORM UNDER INCOMPLETE BURNING

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# **SECTION 7: SPILL OR LEAKAGE PROCEDURE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL- ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT 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

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#### SECTION 8: PROTECTIVE EQUIPMENT

VENTILATION: ADEQUATE, GENERAL EXHAUST ACCEPTABLE

RESPIRATORY: NONE REQUIRED 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.