

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

CLEAR SAN (290205)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

| | |
|---|--|
| Manufactured for: Beaver Research Company | Emergency Telephone Number 1-800-255-3924 (Chem-Tel) |
| Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002 | Telephone Number For Information 269-382-0133 |
| | Date Prepared 02/03/98 |
| | Signature of Preparer (optional) |

Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | CAS No. | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|---------|----------|-----------|--------------------------|--------------|
| Ethyl Alcohol (Ethanol) | 64-17-5 | 1000ppm | 1000ppm | OSHA-TWA | 1000ppm |

Section III - Physical/Chemical Characteristics

| | | | |
|---|-------|--------------------------------------|------|
| Boiling Point | 176°F | Specific Gravity (H2O = 1) | .886 |
| Vapor Pressure (mm Hg) | 40 | Melting Point | N/A |
| Vapor Density (AIR = 1) | >1 | Evaporation Rate (Butyl Acetate = 1) | >1 |
| Solubility in Water Complete | pH | | |
| Appearance and Odor Clear color, alcohol fragrance. | | | |

Section IV - Fire and Explosion Hazard Data

| | | | |
|--|--------------------------------|--------------------|-------------------|
| Flash Point (Method Used) 70° F (TCC) | Flammable Limits N/A | LEL 3.3% | UEL 19% |
| Extinguishing Media CO2, Dry chemical. | | | |
| Special Fire Fighting Procedures Approved respirators should be worn. Water spray to cool equipment and disperse vapors. | | | |
| Unusual Fire and Explosion Hazards If heated, vapor may be flammable. Can react vigorously with oxidizing materials. | | | |

Section V - Reactivity Data

| | | | |
|---|----------------|----------|--|
| Stability | Unstable | | Conditions to Avoid Open flames, sparks, oxidizing agents. |
| | Stable | X | |
| Incompatibility (Materials to Avoid) Oxidizing agents. | | | |
| Hazardous Decomposition or Byproducts CO2, may be formed during combustion. | | | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid None. |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
| | No | No | Yes |

Health Hazards (Acute and Chronic)

None.

| | | | |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| | No | No | Yes |

Signs and Symptoms of Exposure

Mild eye irritation.

Medical Conditions Generally Aggravated by Exposure

No medical conditions are known to be aggravated by exposure to this product.

Emergency and First Aid Procedure

Ingestion: Do not induce vomiting. Consult physician. **Eyes:** Flush with water for 15 minutes. Consult physician.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Remove all sources of ignition. Flush with water.

Waste Disposal Method

Landfill within all local, state and federal laws.

Precautions to be Taken in Handling and Storage

Avoid heat -- may build pressure, vapor may be flammable.

Other Precautions

Keep away from ignition sources.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None.

| | | | | |
|-------------|---------------------|------|---------|------|
| Ventilation | Local Exhaust | None | Special | None |
| | Mechanical(General) | None | Other | None |

Protective Gloves

None

Eye Protection

Yes

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Normal cleanliness.