

MATERIAL SAFETY DATA SHEET
VEDCO ISOPROPYL ALCOHOL 70% GALLONS

SECTION 1 PRODUCT INFORMATION

Manufacturer: Bingman Laboratories Inc.
Address: Sarahsville OH 43779

Emergency Telephone Number: 614-732-2295

Trade name and synonyms: N/A

Chemical name and synonyms: Isopropanol

Chemical Family: Alcohol

Formula:

SECTION 2 HAZARDOUS INGREDIENTS

Isopropyl Alcohol 70%

Water

SECTION 3 PHYSICAL DATA

Boiling Point (*F): 190°F

Vapor Pressure (mm Hg): 25-68°F

Vapor density (air=1): 1.6°

Solubility in water: Complete

Appearance and odor: Colorless, mobile liquid, mild odor

Specific Gravity(h20=1): 0.85

Percent volatile by volume(%) N/A

Evaporation rate: 0.7 Estimated

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Apx. 77°F

Flammable Limits: Lower 2 Upper 12

Extinguishing media: Use water fog, "Alcohol" Foam, dry chemical or CO2

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. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of containers structure.

Special Fire Fighting Procedures: Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, (helmet with face shield, bunker coats, gloves and rubber boots). Including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

SECTION 5 HEALTH HAZARD DATA

Threshold limit value:

Effects of overexposure Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired liver function from preexisting disorders may be aggravated by exposure to this product.

Emergency First Aid Procedures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin: Flush skin with water. If irritation occurs. Get medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention

Ingestion: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 20cc (2 tablespoons) syrup of IPECAC. If ipecac is unavailable. Give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Get medical attention.

SECTION 6 REACTIVITY DATA

Stability: Stable(xx)Unstable ()

Incompatibility(materials to avoid): Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Hazardous polymerization: Will occur ()will not occur(xx)

Conditions to avoid: Avoid heat, sparks, flame and contact with strong oxidizing agents.

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking ***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 may be used to suppress; contain run-off remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other material; place in non-leaking container for proper disposal. Flush area with water to remove trace residue; Dispose of flush solutions as above. ***Small Spills*** Take up with an absorbent material and place in non-leaking containers; Seal tightly for proper disposal.

Waste disposal method: N/A

SECTION 8 SPECIAL PROTECTION INFORMATION

Respiratory protection If exposure may or does exceed occupational exposure limits use a NIOSH-approved respirator to prevent overexposure. Use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Ventilation: Use explosion proof ventilation as required to control vapor concentrations.

Protective gloves: Wear chemical resistant gloves and other clothing as required to minimize contact.

Eye Protection: Wear chemical goggles if there is likelihood of contact with eyes.

Other protective equipment: Eye wash fountains and safety showers should be available for emergency use.

SECTION 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Keep liquid and vapors away from heat, sparks, and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, Cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

Other precautions: Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Air-dry contaminated clothing in a well ventilated area before laundering.

NOTE;

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