



MATERIAL SAFETY DATA SHEET

Chemtrec 24-Hour Emergency Telephone
Domestic North America (800) 424-9300
International (703) 527-3887

*This MSDS complies with 29 CFR 1910.1200
(Hazard Communication)*

1. Product and Supplier Identification / Product Hazard Summary

Product: DENATURED ALCOHOL
Product No: 200300310, 200300213
Trade Name: DENATURED ALCOHOL
Supplier: Fiberlay Inc.
24 S. Idaho St
Seattle, Wa 98134
(206)782-0660

HMIS

HEALTH: 1

***CAUTION!**

- *May be harmful if swallowed or inhaled
- *May be irritating to the skin eyes and respiratory tract
- *May cause allergic skin reaction
- *Heated material may cause thermal burns

FLAMMABILITY: 3

*Warning! Flammable
Liquid & Vapor

REACTIVITY: 0

*Caution! Unstable at
high temperatures

SPECIFIC HAZARD: -

2. Composition

COMPONENT	CAS NO	OSHA PEL	ACGIH TLV	CONCENTRATION %
Ethanol Denatured	64-17-5	1000 ppm	1000 ppm	60-70
Methanol	67-56-1	250 ppm	200 ppm	30-40
n-Propyl Acetate	109-60-4	250 ppm	250 ppm	1-10

3. Hazards Identification

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: DANGER! Flammable liquid and vapor. May cause eye, skin and respiratory tract irritation. May cause asphyxiation, or brain, lung or other organ injury if inhaled, swallowed or absorbed by the skin.

POTENTIAL HEALTH EFFECTS

EYES: Liquid is severely irritating to the eyes. High vapor concentrations are also irritating.

SKIN: Liquid is mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin

which may result in skin irritation and dermatitis (rash).

INGESTION: Ingestion may cause headache, dizziness, fatigue, and central nervous system depression.

INHALATION: Vapors may be irritating to the nose, throat, and respiratory tract. Exposure to high vapor concentrations may cause central nervous system (CNS) depression.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Irritation as noted above. Early to moderate CNS depression may be evidenced by giddiness,

headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye and skin disorders may be aggravated by exposure.

4. First Aid Measures

Skin: Flush skin with running water for at least 20 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

Eye: Immediately flush eyes with running water for at least 20 minutes. Get medical attention.

Inhalation: Move victim to fresh air and call emergency medical care. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

Ingestion: Do not give anything by mouth to an unconscious victim. Do not induce vomiting. Get medical attention.

5. Fire Fighting Measures

Flashpoint: 54°F

LEL (% volume): 4

UEL (% volume): 20

Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide. Use water spray or fog; do not use straight streams.

Special Firefighting Instructions: Use water to keep fire-exposed containers cool.

Unusual fire and explosive hazards: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to a source of ignition and flash back. Vapors are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Liquid is lighter than water.

6. Accidental Release Measures

Spill or Leak Response: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other noncombustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. For large spills, dike far ahead of liquid spill for later disposal. Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. Handling and Storage

For Industrial and Institutional use only. Inside storage should be in an NFPA approved flammable liquids storage room or cabinet. Ground drums to prevent static discharge. Do not store at temperatures in excess of 120°F for prolonged periods. Always store in tightly sealed original container.

8. Exposure Controls, Personal Protection

Respiratory protection: NIOSH approved breathing protection.

Ventilation: Recommended. Use explosion-proof type

Protection gloves: Nitrile, Neoprene

Eye protection: Face shield or safety glasses.

Other protection: Avoid breathing vapors, skin contact or ingestion

9. Physical and Chemical Properties

Physical State: Liquid
Odor: Sweet solvent-like odor
Appearance: Clear, colorless
Boiling Point: 166°F
Vapor Pressure: Not Determined
Vapor Density: 1.5
Evaporation Rate: 2.5
Solubility in Water: Appreciable
VOC %: 100

10. Stability and Reactivity

Stability: Stable
Conditions to avoid: Temperatures in excess of 120°F and open flames
Incompatible with other substances: Avoid contact with strong oxidizing agents.
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Oxides of Carbon, various hydrocarbons and smoke particulates

11. Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State and Local regulations.

12. Transport Information

No information available

13. Other Information

California Proposition 65 involving warnings of the presence of certain listed chemicals is now in effect.

“Warning: This product may contain trace amounts of some chemicals considered by the State of California to be carcinogens or reproductive Toxicants.”

Preparation Date: 12/08/2012