

Section 5 - Firefighting Procedures

Flash Point (Method Used): Ethyl Alcohol: 13 °C (cc)

NFPA Rating:

Health: 2

Fire: 3

Reactivity: 0

Extinguisher Media: Use dry chemical, CO₂ or appropriate foam.

Flammable Limits in Air % by Volume: Ethyl Alcohol: LEL 3.3% Ethyl Alcohol: UEL 19%

Autoignition Temperature: Ethyl Alcohol 422.7 °C

Special Firefighting Procedures: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Vapors may travel back to ignition source. Closed Containers exposed to heat may explode.

Section 6 - Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

Section 7 - Special Precautions

Precautions to Take in Handling or Storing: Toxic by inhalation and if swallowed.

Avoid contact with skin and eyes.

Do not breathe gas/fumes/vapor/spray.

Bond and ground containers when transferring liquid. This material should be kept in an area suitable for the storage of flammable liquids. Store away from oxidizing agents, sparks and flame.

Section 8 - Protection Information

Section 11 - Toxicity Data

Toxicity Data: Alpha-Naphthol: orl-rat LD50 1879 mg/kg

Hexane: orl-rat LD50 28,710 mg/kg

Methyl isobutyl ketone: orl-rat LD50 2080 mg/kg

Ethyl alcohol: orl-rat LD50 7060 mg/kg

Effects of Overexposure:

Acute: See Section 2

Chronic: Tumorigenic data cited. Reproductive data cited. Mutation data cited. Not listed as a carcinogen by IARC, NTP or OSHA.

Conditions Aggravated by Overexposure: Gastrointestinal, Cardiovascular system Impaired Kidney Function

