

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification

Product Number:	C1716	
Product Name:	Ethyl Alcohol See also Alcohol, Reagent	Health: 3 Flammability: 3 Reactivity: 0
Trade/Chemical Synonyms		Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established
Formula:	N/A	
RTECS:	KQ6300000	
C.A.S	See Below	

Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
	Alcohol, Reagent Denatured Ethyl Alcohol		100%	V/V	OSHA TWA 1000 ppm (1900 mg/mf)

Section 3 Hazard Identification (Also see section 11)

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

Section 6 Accidental Release Measures

Dispose of in a manner consistent with federal, state and local regulations.

Section 7 Handling and Storage

Store in a cool dry well ventalated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: Organic cartridge or self-contained

Mechanical: Hand NIOSH Approved
Protection: Gloves

Ventilation: Local Exhaust: Eye Splash
Protection: Goggles

Other Protective Equipment: Use safe laboratory handling procedures.

Section 9 Physical and Chemical Properties

Melting Point:	-114° C	Specific Gravity	.79
Boiling Point:	78° C	Percent Volatile by Volume:	100%
Vapor Pressure:	50 mm Hg @ 25° C	Evaporation Rate:	N/E
Vapor Density:	1.6	Evaporation Standard:	
Solubility in Water:	Soluble	Auto ignition Temperature:	422° C
Appearance and Odor:	Clear colorless solution / ethyl alcohol odor B8210	Lower Flamm. Limit in Air:	3.3%
Flash Point:	13° C	Upper Flamm. Limit in Air:	19%

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.

Fire/Explosion Hazards: Above flashpoint, vapor-air mixtures are explosive within flammable limits. Vapors may flow along surfaces to distant ignition source and flash back.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 10 Stability and Reactivity Information

Stability: Stable **Conditions to Avoid:** Avoid heat and ignition sources

Materials to Avoid:
Oxidizers, silver salts, halogen halides, alkali metals, metal hydrides

Hazardous Decomposition Products:
Carbon oxides

Hazardous Polymerization: Will Not Occur
Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/Target organs: Persons with preexisting skin, eye, respiratory, or kidney/liver disorders may be more susceptible. Toxic due to denaturants. Acute: irritation to skin, eyes, lungs, mucous membranes, and GI tract. Nausea, headache, narcosis, dizziness, and vision difficulties. Chronic: liver/kidney damage, blindness, pancreatitis, and nerve disorders.

DOT Classification:

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

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