

# MATERIAL SAFETY DATA SHEET

Ethyl Acetate, 99%

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Ethyl Acetate, 99%  
Product Code: E2408  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/4/2013  
Print Date: 6/4/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	2
Flammability:	3
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

## SECTION 2 HAZARD IDENTIFICATION

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 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Ethyl Acetate	CAS# 141-78-6	100%	V/V	TXDS: orl-rat LD $\bullet$ : 11 g/Kg

## SECTION 4 FIRST AID MEASURES

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: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

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: Carbon Dioxide, dry chemical powder or appropriate foam. Water may be effective for cooling, but may not exting.

Fire / Explosion Hazards: Fire possible at elevated temperatures. Dust in sufficient quantities can be a dust explosion hazard.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing

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to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition.cover with activated carbon absorb, take up place in closed containers. Vent area and wash spill.

**SECTION 7 HANDLING AND STORAGE**

ethyl acetate is slowly decomposed by moisture. It reacts explosively with lithium aluminum hydride

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: NIOSH Approved Gloves  
Eye Protection: Splash Goggles  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure.ansi approved emergency eye wash and deluge showe

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	-84°C	Percent Volatile by Volume:	
Boiling Point:	77°C	Evaporation Rate	n/a
Vapor Pressure:	73@20°C	Evaporation Standard	Not Applicable
Vapor Density:	3	Auto Ignition Temp	Not applicable
Solubility in Water:	n/a	Lower Flamm. Limit in Air	2.2%@38°C
Appearance /Odors:	white powder	Upper Flamm. Limit in Air	11.5%@38°C
Flash Point:	-3.3°C		
Specific Gravity:	0.902		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: None known  
Materials to Avoid: Oxidizing agents, metals, bases, amines.  
Hazardous Decomposition Products: Toxic fumes of: Carbon Monoxide, Carbon Dioxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: not relevant

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

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**SECTION 14**      **Transport Information**

DOT Classification:              Ethyl Acetate, 3, UN1173, PG II

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15**      **Regulatory Information**

**SECTION 16**      **Additional Information**

acute : may be harmful by inhalation, ingestion or skin absorption. Causes skin irritation. Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract. Can cause CNS depression. Prolonged exposure can cause nausea, head ache and vomiting. narcotic effects. Anemia. Target (effects of overexposure) conditions aggravated/target organs. Persons with pre-existing eye, skin, or respiratory conditions may be susceptible.

Flammability

Health

Reactivity

**Revisions**

**NFPA**

0.1

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