

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** ETHYL ACETATE

**Control Number:** 00171

**Product Description:** Solvent

### COMPANY IDENTIFICATION

**Supplier:** COLONIAL CHEMICAL SOLUTIONS, INC.

916 West Lathrop Avenue

Savannah, Georgia 31415

**24 Hour Emergency Telephone:** (800)-424-9300 CHEMTREC

**General Information:** (912) 236-1331

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Specific target organ toxicity Category 3  
Eye irritation Category 2A

#### [ Environmental ]

None Listed

#### [ Physical ]

Flammable Liquid Category 2

### GHS Label elements, including precautionary statements

#### Pictograms



**Signal Word:** Danger

#### Hazard statement(s)

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTSCHEMICAL

CHEMICAL NAME	CAS Number	%WT
Ethyl Acetate	141-78-6	100

## SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush with running water for several minutes. Seek medical attention if irritation persists.

**Skin:** Wash exposed skin with soap and water. Seek medical attention if irritation persists.

**Inhalation:** For excessive inhalation remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

**Ingestion:** DO NOT induce vomiting. Rinse mouth with water. Seek medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Extinguishing Media:** To extinguish flames use water spray, dry chemical, carbon dioxide or fire fighting foam. .

**Fire Fighting Procedures:** Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

**Fire and Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air. Vapors may travel across the ground and reach an ignition source.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition. For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered.

For larger spills, contain spill, recover free liquid, collect with an electrically protected vacuum cleaner or by wet-brushing, and use absorbent material to dry area and then rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

## SECTION 7 - STORAGE AND HANDLING

**Precautions To Be Taken In Handling and Storage:** Avoid contact with product. Do not breath vapors.

Always store in tightly sealed, and properly labeled original container. Store in a cool, dry well ventilated area, away from acute fire hazards. Use non-sparking tools. Bond and ground all equipment to prevent static discharge during transfer.

**Other Precautions:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed.

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## SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Ethyl Acetate 400 ppm ACGIH 400 ppm OSHA

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

**Other Equipment:** Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

## SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 27 °F

**Autoignition Temperature:** 800 °F

**Boiling Point:** 170 °F

**Melting Point:** -119 °F

**Vapor Pressure:** 73 mmHg

**Vapor Density (Air-1):** No available data

**Odor/Appearance:** Colorless liquid with fruit-like odor.

**Flammability Limits:** Lower 2 Upper 12

**Specific Gravity:** 0.90

**Volatile %:** No available data

**Evaporation Rate (BuAc=1):** No available data

**pH:** No available data

**Solubility in Water:** soluble

## SECTION 10 · STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.

**Conditions to Avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Materials to Avoid:** Strong oxidizers.

**Decomposition Products:** When combusted, oxides of carbon and various hydrocarbons.

## SECTION 11 · TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact can cause redness, irritation and dermatitis . Severity depends on the amount and duration of exposure.

**Eyes:** Vapors may be irritating to the eyes. Liquid contact will cause stinging and tearing.

**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

**Ingestion:** If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

### Acute oral toxicity:

LD50 rat: 5,620 mg/kg

### Acute inhalation toxicity:

LC50 rat: 45,000 mg/m<sup>3</sup> 2h

### Acute dermal toxicity:

LD50 rabbit: > 18,000 mg/kg

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## SECTION 12 - ECOLOGICAL INFORMATION

**ECOTOXICITY:** Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 350.00 - 600.00 mg/l - 96 h  
**Bio-accumulative potential:** Bioaccumulation of this product is unlikely. This product is readily biodegradable.  
**Mobility:** No available published data.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

**U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):**

**Proper Shipping Name:** Ethyl acetate  
**Hazard Class:** 3  
**UN Number:** 1173  
**Packaging Group:** 2

## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

**Comprehensive Environmental Response and Liability Act (CERCLA)**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 5000 pounds.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**SARA Section 313 (40 CFR 372) Hazard Categories:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** This product contains Ethyl Acetate a chemical listed as Hazardous Substances under the CWA

**Clean Air Act:** This product contains Ethyl Acetate a chemical listed as Hazardous Substances under the CAA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

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<b>SECTION 16 · OTHER INFORMATION</b>
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**MSDS Revision Date:** November 2014

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 2

**Flammability:** 3

**Reactivity:** 1

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.