

SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: 2-ETHYLHEXANOL
Control Number: 00018
Product Description: Glycol Ether Acetate

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]

Acute toxicity, Inhalation Category 4
Skin irritation Category 2
Eye irritation Category 2A

[Environmental]

Acute aquatic toxicity Category 3

[Physical]

Flammable liquids Category 4

GHS Label elements, including precautionary statements

Pictograms



Signal Word: Warning

Hazard statement(s)

H227 Combustible liquid.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
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.

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
2-Ethylhexan-1-ol	104-76-7	100

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SECTION 4 - FIRST AID MEASURES

Eyes: Flush eyes with water as a precaution. Get medical attention if irritation occurs.

Skin: Wash off with soap and plenty of water. Get medical attention if symptoms occur.

Inhalation: Move exposed person to fresh air. If not breathing provide artificial respiration. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention/advice.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media: Flammable liquid, soluble or dispersed in water Use dry chemical powder, alcohol foam, water spray or fog.

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.

Hazardous combustion products: Oxides of carbon.

Fire and Explosion Hazards: Containers can rupture or explode under fire conditions due to pressure and vapor buildup.

SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment.

SECTION 7 - STORAGE AND HANDLING

Handling and Storage: Avoid breathing vapor or mist. Take measures to prevent the buildup of electrostatic charge. Use spark-proof tools and explosion proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale.

Keep away from sources of ignition. Store in a cool, dry place.

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

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide adequate 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: 2-Ethylhexan-1-ol Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE):

Eyes Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin: If Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Clothing: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 170 °F	Flammability Limits: Lower: 1.1 Upper: 7.4
Autoignition Temperature: 518	Specific Gravity: 0.883
Boiling Point Range: 363 °F	Volatile %: No available data
Melting/Freezing Point: -105 °F	Evaporation Rate (BuAc=1): No available data
Vapor Pressure: 0.36 mmHg	pH: 7 at 1g/l
Vapor Density (Air-1): 4.6	Solubility in Water: 1 g/l
Odor/Appearance: Clear light yellow liquid with alcohol odor	

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.
Conditions to Avoid: Heat, ignition sources (flames, sparks, static), incompatible materials.
Incompatibility: Reactive with oxidizing agents.
Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Eye: Causes eye irritation. Risk of serious damage to eyes.

Skin: Causes skin irritation. Prolonged or repeated skin contact may cause dermatitis.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract.

Inhalation: Causes respiratory tract irritation. May cause allergic respiratory reaction. May be harmful if inhaled.

Acute oral toxicity:

LD50 rat: 3730 mg/kg

Acute inhalation toxicity:

LC50 rat: No available data

Acute dermal toxicity:

LD50 rabbit: > 3,000 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: Toxicity to fish mortality LC50 - *Salmo gairdneri* - 100 - 180 mg/l - 96 h

Bio-accumulative potential: This product is readily biodegradable.

Mobility: This product is likely to volatilize from soil surface.

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: Not a DOT Regulated Material

Class: combustible liquid, NA 1993, Packing group III for quantities of 450 liters (119 gallons) or more; not regulated for smaller quantities.

UN Number:

Packaging Group:

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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 has no published data.

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:

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: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

Clean Air Act: None of the chemicals in this product are 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.

SECTION 16 - OTHER INFORMATION

MSDS Revision Date: December 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: 0

Reactivity: 0

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.