

SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: OLEIC ACID 105
Control Number: 00101
Product Description: Aliphatic Carboxylic Acids

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]

[Environmental]

[Physical]

Eye irritation Category 2A

GHS Label elements, including precautionary statements

Pictograms



Signal Word: Warning

Hazard statement(s)

H315 Causes skin irritation.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Oleic Acid	112-80-1	72-75

SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES:

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash with soap and water. Seek medical attention if irritation develops and persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration.

Seek medical attention if symptoms appear.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

SAFETY DATA SHEET



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SECTION 5 · FIRE FIGHTING MEASURES

Suitable Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: Oxides of carbon.

Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire and Explosion Hazards: No unusual condition of data available.

SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Spills: Provide adequate ventilation. Avoid breathing vapors, mist or gas. Suitable protective clothing should be worn. Shut off or plug source of spill. Small spills: mop up and collect into suitable container.

Large Spills: Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, then wash area with water and mop up or soak up with inert absorbent material and dispose of into a suitable container for disposal according to regulations

SECTION 7 · STORAGE AND HANDLING

Handling: Do not breathe vapors, spray or aerosols. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes.

Storage: Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide explosion-proof ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

Exposure Limits: Oleic Acid No ACGIH or OSHA published data

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, potential exposure conditions and may include gloves, boots, suits and other protective items.

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.

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 356 °F

Autoignition Temperature: 662 °F

Boiling Point: 428 °F

Melting Point/Freezing Point: 55-57 °F

Vapor Pressure: No available data

Vapor Density (Air-1): 1

Odor/Appearance: Clear colorless liquid with a faint odor

Flammability Limits: No available data

Specific Gravity: 0.89

Volatile %: No available data

Evaporation Rate (Water=1): 1

pH: Not applicable

Solubility in Water: Insoluble

SAFETY DATA SHEET



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SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.
Conditions to Avoid: Keep away from heat, flame and other potential ignition sources.
Incompatible Materials: Strong oxidizing agents and Strong bases
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.
Eyes: Dust is irritating to the eyes. Contact will cause stinging and tearing.
Inhalation: Excessive inhalation of high concentrations may be harmful. Dust can irritate the throat and lungs.
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 Oral - rat - 74,000 mg/kg

Acute inhalation toxicity:

LD50 rat: No available Data

Acute dermal toxicity:

LD50 Dermal - rat - > 2,000 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: LC50 - Pimephales promelas (fathead minnow) - 205 mg/l - 96 h
Bio-accumulative potential: Readily biodegradable.
Mobility: No available 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: Not a DOT Controlled Material
Hazard Class
UN Number:
Packaging Group:

SAFETY DATA SHEET



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SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response 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 not been established.

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:

No SARA hazards.

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 no chemicals that are listed under the CWA.

Clean Air Act: This product contains no chemicals that are listed 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: September 2014

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

Health: 1

Flammability: 1

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.