

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: HALLSTAR® C-899 CAPRYLIC ACID

Product Code: 0416

Chemical Name: Caprylic Acid

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620
Chicago, IL 60606 PH: 877-427-4255
USA

HMIS
Health: 3
Flammability: 1
Reactivity: 0
Gloves & Safety Glasses

Information: (908) 852-6128

Emergency: CHEMTREC - (800) 424-9300

Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>
Octanoic Acid	124-07-2

Section 3 - Hazard Identification

Warning: Concentrated product causes severe burns.

Appearance: Water white to light yellow liquid, musty odor.

Potential Health Effects

Skin Contact: Causes burns.

Eye Contact: Causes severe or permanent damage.

Ingestion: Will cause burns to mucous membranes.

Inhalation: Not applicable at ambient temperatures. If product is heated, vapor can cause irritation, coughing, or difficulty breathing.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Remove contaminated clothing and shoes and wash clothing before reuse. Seek medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: Remove material from mouth. DO NOT induce vomiting. Immediately get medical attention.

If victim is fully conscious, give water. Never give anything by mouth to an unconscious person.

Inhalation: Person should be moved to a fresh air environment. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediately get medical attention.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: Water spray, dry chemical, or carbon dioxide

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Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Unknown.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer solid material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Handle in accordance with good hygiene and safety procedures. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Keep away from possible contact with incompatible substances. Store in acid resistant vessels such as stainless steel, aluminum, or steel coated with resin lining such as Lithcote LC-19 or Kanigen. Store in the original closed containers. For quality reasons: Avoid elevated temperatures.

Section 8 - Personal Protection

ACGIH Threshold Limit Value (TLV): None

OSHA Permissible Exposure Limit (PEL): None

Hand Protection: Rubber gloves

Respiratory Protection: None required for ambient temperature. An appropriate NIOSH/MSHA approved air purifying respirator should be used if a mist or vapor is generated.

Eye Protection: Goggles or face shield with goggles, dependent upon potential exposure.

Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.

Other: Eyewash facility in vicinity, boots, apron.

Section 9 - Physical and Chemical Properties

Flash Point (PMCC):	135.6°C	Relative density:	0.9 @ 22/22°C
Boiling Point:	232°C	Vapor Pressure:	<1 mmHg @ 22°C
Solubility (water):	Negligible		
Appearance and Odor:	Water white to light yellow liquid, musty odor.		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur under normal circumstances.

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Hazardous Decomposition Products: Does not decompose up to 400° F (204° C). Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

Section 11 - Toxicological Information

Acute Oral Toxicity (Octanoic Acid): LD50: > 10 gm/kg (Rat)

Irritation Data (Octanoic Acid): Skin, rabbit: Corrosive
Eye, rabbit: Corrosive

Section 12 - Ecological Information

Aquatic Toxicity: Daphnia magna 24h EC50: 550 mg/l
Bluegill sunfish 96h LC50 39.9 mg/l

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

U.S. DOT: Corrosive liquid, acidic, organic, n.o.s. (Octanoic acid), 8, UN3265, III

Land Transport (ADR/RID)

Class/Packaging group 8/III
Hazard ID No. 80
UN No. 3265
Proper Shipping name Corrosive liquid, acidic, organic, n.o.s. (Octanoic acid)

Sea Transport (IMDG)

Class/Packaging group 8/III
UN No. 3265
EmS F-A, S-B
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s. (Octanoic acid)
Marine Pollutant No

Air Transport (ICAO/IATA)

UN No. 3265
Class/Packing group 8/III
Proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Octanoic acid)

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is listed on the TSCA inventory of the United States.

Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.

Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS inventory of Australia.

European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory of Europe.

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Japan (ENCS): This product is listed on the ENCS inventory of Japan.

Korea (ECL): This product is listed on the ECL inventory of Korea.

Philippines (PICCS): This product is listed on the PICCS inventory of the Philippines.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards

Acute

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product contains the following substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

Ingredients

None

Section 16 - Other Information

Prepared By: DCU

Revision Date: 10/09

Supersedes: 04/09

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.