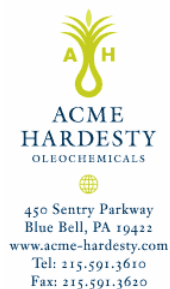


# Material Safety Data Sheet



**PRODUCT NAME: CAPRYLIC/CAPRIC ACID (C8 – C10)**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: CAPRYLIC/CAPRIC ACID (C8 – C10)  
CAS #: 68937-75-7  
EINECS#: 273-086-2  
DATE: August 11, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (800) 223 - 7054  
FAX: (215) 591 – 3620  
EMERGENCY: CHEMTREC (800) 424-9300

## INGREDIENTS/COMPONENTS

COMPOSITION	CHEMICAL FORMULA	CAS#	EC#	EC SYMBOL	EC R-PHRASES
(C8) Octanoic Acid	$C_8H_{16}O_2/CH_3(CH_2)_6COOH$ +	124-07-2	204-677-5	Xi	R36/38
(C10) Decanoic Acid	$C_{10}H_{20}O_2/CH_3(CH_2)_8COOH$	334-48-5	206-376-4	Xi	R36/38

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Irritating to eyes and skin

## PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: Clear pale yellow liquid  
ODOR: Slight unpleasant musty rancid odor  
SOLUBILITY: Soluble in ethanol, ether and most organic solvents  
Very low solubility in water  
BOILING POINT @ 760 mm Hg, °C: 237 – 268  
MELTING POINT, °C: 3 – 6  
FLASH POINT (Cleveland Open Cup), °C: 135°C  
AUTO-IGNITION, °C: >250°C  
DENSITY, g/ml @ 20°C: 0.85 – 0.91  
VAPOR PRESSURE (mm Hg @ 20°C): 0.99  
VISCOSITY, mPa.s @ 30°C: 15.0

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FIRST AID MEASURES

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SKIN CONTACT: Remove contaminated clothing, flush skin with water or shower, take to a doctor if necessary.  
EYE CONTACT: Flush with water, take to a doctor if necessary.  
INHALATION: Not relevant.  
INGESTION: Rinse mouth, drink plenty of water, see physician. Do not give anything by mouth to an unconscious person.

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FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA: Dry powder, carbon dioxide or foam, water spray jet

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ACCIDENTAL RELEASE MEASURE

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PERSONAL PRECAUTIONS: Avoid contact with skin and eyes.  
ENVIRONMENT PRECAUTIONS: Do not allow to flow into drainage system.  
CLEAN-UP METHODS: Collect leakage in sealable containers. Soak up with sand or other inert absorbent and remove to safe place. Wash site with sodium bicarbonate solution or soda ash. Clean up area immediately.

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HANDLING AND STORAGE

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HANDLING: Avoid open flames.  
Use gloves and wear goggle when handling.  
Always work safely around open hatches on bulk tanks  
CAUTION: The low density makes floatation difficult for immersed person.  
STORAGE: Keep in a cool and dry place, avoid extreme heat and cold.  
Store in a clean, dry, preferably stainless steel vessels.  
In bulk, store at about 10°C above melting point or ambient.  
Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure.

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EXPOSURE CONTROL / PERSONAL PROTECTION

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EXPOSURE LIMIT: Not applicable  
PERSONAL PROTECTIVE EQUIPMENT:  
HAND/SKIN PROTECTION: Use rubber gloves  
EYE PROTECTION: Wear approved safety goggles and face shield  
INDUSTRY HYGIENE: Normal standard of industrial hygiene to be observed

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STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: Avoid direct fire.  
MATERIALS TO BE AVOIDED: None known if used for its intended purpose.  
DECOMPOSITION PRODUCTS: None known if used for its intended purpose.

DISPOSAL INFORMATION

Disposal method in accordance with all applicable national environment laws and regulations

TOXICOLOGICAL INFORMATION

TOXICITY DATA: LD 50 (oral, rat) = >10000 mg/kg  
CARCINOGENICITY: None  
REPRODUCTIVE EFFECTS: No harmful effects expected  
EFFECT OF OVEREXPOSURE: No harmful effects expected  
CHRONIC EFFECTS: No harmful effects expected

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No special requirements.

ECOLOGICAL INFORMATION

ECOTOXICITY: Acute fish toxicity: LC 50 > 100mg product/liter  
Acute bacteria toxicity: EC 50 > 100mg product/liter

BIODEGRADABILITY: Biodegradable

TRANSPORT INFORMATION

Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR

REGULATORY INFORMATION

All components of this product are listed on the following inventories:  
TSCA (Toxic Substances Control Act - USA)  
DSL (Canada)  
EINECS/ELINCS (Europe)  
AICS (Australia)

OTHER INFORMATION

Always work safely around open hatches on bulk tanks.  
The low density makes flotation difficult for immersed person.