

# Material Safety Data Sheet



PRODUCT NAME: CAPRIC ACID

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: Capric Acid  
CAS#: 334-48-5  
EINECS#: 206-376-4  
DATE: January 24, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422  
TELEPHONE: (866) 226-3834  
FAX: (215) 591 – 3620  
EMERGENCY: CHEMTREC (800) 424-9300

## COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	CHEMICAL FORMULA	CAS#	EC#	EC SYMBOL	EC R-PHRASES
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 above melting point  
ODOR: Slight unpleasant musty rancid odor  
SOLUBILITY: Soluble in ethanol, ether and most organic solvents  
Solubility in water 0.15 g/l @ 20°C

BOILING POINT @ 760 mm Hg: 269°C  
MELTING POINT°C: 32 (°C), 89.6 (°F)  
FREEZING POINT, °C: 32 (°C), 89.6 (°F)  
FLASH POINT, (Cleveland Open Cup): 150°C  
AUTO-IGNITION: >250°C  
DENSITY, g/ml @ 20°C: 0.92  
VAPOR PRESSURE (hPa @ 20°C): <1.0  
VISCOSITY, mPa.s @ 40°C: 5.37  
% VOLATILES: Not known  
EVAPORATION RATE: Not known  
VAPOUR DENSITY: Not known  
FLAMMABLE LIMIT, %: Not known

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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: 50 - 90°F in original closed container

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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  
INDUSTRIAL 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.

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DISPOSAL INFORMATION

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

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TOXICOLOGICAL INFORMATION

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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
TARGET ORGANS:	Not Applicable

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No special requirements.

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ECOLOGICAL INFORMATION

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

BIODEGRADABILITY: Biodegradable

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TRANSPORT INFORMATION

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

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REGULATORY INFORMATION

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

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OTHER INFORMATION

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