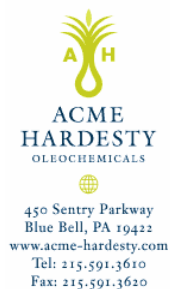


# Material Safety Data Sheet



**PRODUCT NAME: LAURIC ACID 99% FGK**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: LAURIC ACID 99% FGK  
CAS#: 143-07-7  
EINECS#: 205-582-1  
DATE: December 5, 2007

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
Dodecanoic Acid	$C_{12}H_{24}O_2/CH_3(CH_2)_{10}COOH$	143-07-7	205-582-1	Not Applicable	Not Applicable

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Special hazards for man and environment: None

## PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: White or pale yellow solids  
ODOR: Weak characteristic odor  
SOLUBILITY: Soluble in ethanol, ether and most organic solvents  
Insoluble in water (20°C)

BOILING POINT, °C @ 760 mm Hg: 299  
MELTING POINT, °C: 44  
FLASH POINT, °C (Cleveland Open Cup): 160°C  
AUTO-IGNITION, °C: >250°C  
DENSITY, g/ml @ 75°C: 0.85  
VAPOR PRESSURE (mm of Hg @ 131°C): <1.0  
VISCOSITY, mPa.s @ 54°C: 13.42  
% 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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INGESTION: Rinse mouth, drink plenty of water, see physician.  
Do not give anything by mouth to an unconscious person.  
EYE CONTACT: Flush with water, take to a doctor if necessary.  
SKIN CONTACT: Remove contaminated clothing, flush skin with water or shower, take to a doctor if necessary.  
INHALATION: Not relevant.

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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.  
Spillage may be allowed to solidify; then shovel into containers.  
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.  
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 vessel.  
In bulk, store at about 10°C above melting point or at ambient temperature.  
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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PERSONAL PROTECTIVE EQUIPMENT:  
HAND/SKIN PROTECTION: Use rubber gloves  
EYE PROTECTION: Wear approved safety goggles and face shield  
EXPOSURE LIMIT: Not applicable  
INDUSTRIAL HYGIENE: Normal standard of industrial hygiene to be observed

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STABILITY AND REACTIVITY

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STABILITY: Stable  
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 OVER-EXPOSURE:	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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AQUATIC TOXICITY:	Acute fish toxicity: LC 50 > 100mg product/liter Acute bacteria toxicity: EC 50 > 100mg product/liter
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BIODEGRADABILITY:	Biodegradable
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TRANSPORT INFORMATION

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Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, 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)
- 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.

<b>HMIS</b> Information:	Health:	1
	Flammability:	1
	Reactivity:	0