



McKinley Resources, Inc.

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: McKinley Resources, Inc.
P.O. Box 810472
Dallas, Texas 75381
Office: 972-620-9730
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Product Name: LAURIC ACID
Chemical Family: Fatty Acid

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Component	Chemical Formula	CAS#	EINECS NO.	EC SYMBOL	EC R-PHRASES
Dodecanoic Acid	C ₁₂ H ₂₄ O ₂	143-07-7	205-582-1	NA	NA

NA – Not applicable

SECTION 3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation.
Inhalation: No significant effects expected from a single, short-term use.
Ingestion: Low ingestion hazard in normal use.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Teratogenic Effects: Not available.

SECTION 4. FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes. Check for and remove contact lenses. Seek medical attention if irritation persists.
Skin Contact: Wash with soap and water. If irritation persists, contact a physician. Wash contaminated clothing before reuse.
Inhalation: Remove victim to fresh air.
Ingestion: Rinse mouth and drink plenty of water. Seek medical attention.



SECTION 5. FIRE AND EXPLOSION DATA

Flash Point: 160°C (Closed Cup)
Auto-Ignition Temperature: Not available
Upper Flammable Limits: Not available
Lower Flammable Limits: Not available

Products of Combustion: These products are carbon oxides (carbon monoxide and carbon dioxide).

Fire Hazards in Presence of Various Substances: Not available

Explosion Hazards in Presence of Various Substances:

Risk of explosion of the product in presence of mechanical impact: Not available
Risk of explosion of the product in the presence of static discharge: Not available

Fire Fighting Media and Instructions:

Small Fire: Use dry chemical powder.
Large Fire: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazard: Not available

Special Remarks on Explosion Hazards: Not available

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to federal, state and local regulation.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid open flames. Use gloves and wear goggles when handling.

Storage: Keep in a cool and dry place; avoid extreme heat and cold.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Goggles. Lab coat. Gloves. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Exposure Limits:

Not available



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid (powdered solid)
Odor:	Not available
Taste:	Not available
Molecular Weight:	200.32 g/mole
Color:	White
pH (1% Aq. Sol.):	Not applicable
Boiling Point:	299°C @ 760 mm Hg
Melting Point:	44°C
Flash Point:	160°C
Specific Gravity:	0.85 (Water=1)
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Volatility:	Not available
Odor Threshold:	Not available
Solubility:	Insoluble in water

SECTION 10. STABILITY AND REACTIVITY

Stability:	Product is stable.
Condition to Avoid:	Avoid direct fire.
Materials to Avoid:	None known if used for its intended purpose.
Decomposition Products:	None known if used for its intended purpose.
Hazardous Polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity Data:	LD50 (Oral, rat): 10000 mg/kg
Carcinogenicity:	None
Reproductive Effects:	No harmful effects expected.
Effects of Over-Exposure:	No harmful effects expected.
Chronic Effects:	No harmful effects expected.
Target Organs:	Not applicable.

Medical Conditions Aggravated by Exposure: None known.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	Acute Fish Toxicity: LC50 > 100 mg product/liter Acute Bacteria Toxicity: EC50 > 100 mg product/liter
Biodegradability:	Biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with all federal, state and local environmental laws and regulations.



SECTION 14. TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (US)
Identification: Not applicable
Special Provision for Transport: Not applicable

SECTION 15. OTHER REGULATORY INFORMATION

All components of this product are listed on the following inventories:

TSCA (USA)
DSL (Canada)
EINECS/ELINCS (Europe)
AICS (Australia)

SECTION 16. OTHER INFORMATION

HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	1
Reactivity	0

History:

Original Issue Date:	July 20, 2007
Revision 1 Date:	April 27, 2010
Revision 2 Date:	March 4, 2011

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