



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier's Name: McKinley Resources Inc.
PO Box 810472
Dallas, TX 75381
972-620-9730

Emergency Telephone No.: Chem-Tel 1-800-255-3924

Issue Date: June 1, 2010

Product/Trade Name: MYRISTIC ACID
Chemical Family: Fatty Acid
CAS #: 544-63-8

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS No.	EINECS	% Wt.
Myristic Acid	544-63-8	206-875-2	100

SECTION 3. HAZARDS IDENTIFICATION

Potential Acute Health Effects: Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Development Toxicity: Not available

SECTION 4. FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes. If irritation persists, get medical attention.
Skin Contact: Remove contaminated clothing. Wash with soap and water.
Inhalation: Remove person to fresh air.
Ingestion: Do not induce vomiting unless advised to by poison control or a physician. Seek immediate medical attention.

SECTION 5. FIRE AND EXPLOSION DATA

Flash Point: >220°C (Closed Cup)
Auto-Ignition Temperature: Not determined
Flammable Limits: Not determined
Products of Combustion: Carbon dioxide, carbon monoxide
Fire Extinguishing Media: Foam, water fog, carbon dioxide or dry chemical.
Special Firefighting Procedures: Use NIOSH respirator and protective clothing.
Unusual Fire and Explosion Hazards: None known.



SECTION 6. ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waster disposal container.
Large Spill: Use a shovel to put the material into a convenient waste disposal container. Clean the contaminated surface with water and allow to evacuate through the sanitary system.

SECTION 7. HANDLING AND STORAGE

Precautions: Avoid repeated or excessive skin contact. Do not inhale dust.
Storage: Store in a dry, cool place away from heat. Keep container tightly closed.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use local exhaust ventilation or process enclosures to keep airborne levels below recommended exposure limits.
Personal Protection: Safety glasses, lab coat, dust respirator, gloves.
Other: Eye wash station and shower near the work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Waxy solid
Molecular Weight: 228.36 g/mole
Color: White
pH(10%): ~6
Boiling Point: Decomposes
Melting Point: ~ 55 °C
Solubility in Water: Insoluble
Specific Gravity: 0.8 (Water = 1)
Vapor Pressure: Not available

SECTION 10. STABILITY AND REACTIVITY

Stability: Product is stable.
Conditions and Materials to Avoid: Prolonged heat storage, strong oxidizers and reducing agents.
Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry: Ingestion
Acute Toxicity: No data available.
Chronic Exposure: No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
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BOD5 and COD: Not available.
Products of Biodegradation: Not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of product in accordance with applicable local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (USA).
Identification: Not applicable.
Special Provisions: Not applicable.

SECTION 15. REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Myristic acid.
Other Regulations: Not available.

WHMIS (Canada): Not controlled under WHMIS.

DSCL (EEC): This product is not classified according to the EU regulations.

SECTION 16. OTHER INFORMATION

HMIS (USA):

Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: E

National Fire Protection Association (USA):

Health: 1
Flammability: 1
Reactivity: 0
Specific Hazard:

Protective Equipment:

Gloves
Lab Coat
Dust Respirator. Be sure to use an approved/certified respirator or equivalent.
Safety Glasses

SUPPLIER'S STATEMENT:

NONWARRANTY - The facts stated and the recommendations made herein are based on our own research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products discussed are sold without conditions or warranties, expressed or implied. McKinley Resources assumes no responsibility for personal injury or property damage to users or third parties caused by this material. Recipient agrees to assume all risk and liability, including infringement of any patented invention, whether used singly or in combination with other materials.