



MATERIAL SAFETY DATA SHEET

U.S. Department of Labor
Occupational Safety and Health Administration

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Company Name: **McKinley Resources Inc** **EMERGENCY TELEPHONE NO: 972-620-9730**
PO Box 810472
Dallas, TX 75381
Telephone No: (972) 620-9730

Chemical Name: **LAUROAMPHODIACETATE BLEND**
Trade Name: **Lauroamphoacetate & Sodium Trideceth Sulfate**
Product Code: **050060000000**
CAS#: **66161-62-4**
D. O. T. Hazard Class: **NONE**
Proper Shipping Name: **NONE**
HMIS RATINGS: **Health (2) Fire (2) Reactivity (0)**
0 ---> 4
none --> extreme
ECOIN #: **-**
ID #: **NONE**

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>OSHA/PEL</u>
ISOPROPANOL	67-63-0	400 ppm
Lauramphodiaceate blend		

Ingredients not precisely identified are proprietary or nonhazardous.
Values are not product specifications.

SECTION III - HAZARDS IDENTIFICATION

General:

No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is Available on the properties of its components.

Emergency Overview:

Appearance: Amber liquid

CAUSES EYE IRRITATION. FLAMMABLE LIQUID. MAY CAUSE SKIN IRRITATION. INHALATION OR INGESTION MAY CAUSE MUCOUS MEMBRANE IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Routes of exposure: Eye contact; skin contact; inhalation.

Symptoms of Overexposure (Acute & Chronic):

Eye Contact: This material will probably be severely irritating to human eyes following contact.

Skin Contact: This material will probably irritate human skin, this product will probably not be absorbed through human skin.

Inhalation: High concentrations of mists or aerosols may irritate respiratory passages. No toxic effects are known to be associated with inhalation of this material. Adverse clinical reactions from extreme exposures to isopropyl alcohol vapors may include mucous membrane irritation, dizziness, drowsiness, headache, gastrointestinal pain, nausea, vomiting, diarrhea, decreased urination, loss of reflexes, central nervous system depression, hypotension, respiratory depression, stupor, and unconsciousness followed by death secondary to respiratory arrest.

Ingestion: In humans, irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion of this product. This material may be harmful if swallowed. Ingestion of isopropanol may cause CNS depression, headache, drowsiness, loss of coordination, hypotension hypothermia, kidney and liver dysfunction, and coma. Isopropanol can be fatal if as little as 100ml is ingested.

SECTION IV - FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. Have eyes examined and treated by medical personnel.

Skin: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.

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Ingestion: DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop. Consult medical personnel.

SECTION V – FIRE FIGHTING MEASURES

Flashpoint and method: 130 deg.F, 54.44 deg.C (PMCC)

Autoignition temperature: No data.

Flammable limits (LEL/UEL): No data.

Extinguishing media:

Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents.

Special fire-fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

Combustible liquid by OSHA 29 CFR 1910.1200.

Explosion data:

Sensitivity to mechanical impact: No data

Sensitivity to static discharge: No data

SECTION VI – ACCIDENTAL RELEASE MEASURES

Refer to Section 8 for proper personal protective equipment.

Steps to be taken in case material is released or spilled:

Eliminate sources of ignition and ventilate spill area.

Soak up material with absorbent and, using non-sparking equipment, shovel into a chemical waste container.

Keep out of sewers and drains.

SECTION VII – HANDLING AND STORAGE

Storage requirements: 50-90 deg F in original closed container.

Precautions to take during handling and storage:

Prevent skin and eye contact.

Avoid breathing this material.

Do not swallow.

Keep away from heat, sparks, and open flame.

VIII-EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

No ACGIH TLV or OSHA PEL is assigned to this mixture. Control of exposure to be below the PEL and/or TLV for the Ingredients (see Section 2 and/or below) may not be sufficient. Minimize exposure in accordance with good hygiene practice. The OSHA PEL and ACGIH TLV for isopropanol is 400 ppm.

Engineering controls:

Use ventilation adequate to maintain safe levels.

Eye Protection:

Chemical tight goggles.

Protective Clothing:

Impervious gloves.

Respiratory Protection:

If needed, use MSHA-NIOSH approved respirator for organic vapors.

Other protective equipment:

Eyewash station and safety shower in work area.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Amber Liquid

Odor threshold: No data

Boiling Point: 190 deg.F, 87.78 deg.C

Melting Point: No data

Vapor pressure (mm Hg at 20 deg. C): No data

Vapor density (air=1): No data

Solubility in water: No data

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PH: 10
Specific gravity: 1.07
% Volatile by volume: 65
Cloud point: No data
Viscosity : No data
Partition Coefficient: No data
Coefficient of water/oil distribution: No data
Freezing point: No data

SECTION X – STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Incompatibility:

Oxidizing agents.

Conditions to avoid:

Heat, sparks, and open flame.

Hazardous decomposition products:

Combustion Products: Carbon dioxide, carbon monoxide. Nitrogen oxides, ammonia. Sulfur oxides. Hydrogen sulfide.

Hazardous polymerization:

Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

No data available on this material.

Carcinogenicity: This material is not listed as a carcinogen by OSHA, IARC, and NTP.

Reproductive toxicity /Teratogenicity: No available information

Mutagenicity: No available information.

Toxicologically synergistic products: None known.

SECTION XII - ECOLOGICAL INFORMATION

No data is available on this product.

SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal Method:

Because of a flash point below 140 deg F, discarded product is a hazardous waste, number D001, Uner RCRA, 40 CFR 261.21.

Dispose of in a facility permitted for hazardous waste.

Container Disposal:

Empty container retains product residue. Observe all hazard precautions. May contain explosive vapors. Do not distribute, Make available furnish or reuse empty container except for storage and shipment of original product. Remove all product Residue from container and puncture or otherwise destroy empty container before disposal.

SECTION XIV - TRANSPORT INFORMATION

Department of Transportation:

Regulated.

Hazard Class: Class 3, PG III, Flammable liquid

Proper shipping name: Flammable liquid, n.o.s. (contains isopropanol)

Emergency response guidebook number: ERG# 127

TDG (Transportation of Dangerous Goods):

Regulated.

SECTION XV - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulation, 40 CFR 710:

All ingredients are on the TSCA chemical substance inventory.

DSL (Canadian Domestic Substances List):

All ingredients are listed on the Canadian DSL.

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary :

Physical Hazards: Combustible liquid.

Health Hazards: Irritant (eye)

WHMIS Classification:

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Class D, Division 2—Toxic

Class B, Division 3—Combustible liquid (CPR36).

CERCLA and SARA Regulations (40 CFR 355, 370 and 372):

This material contains the following chemicals subject of the reporting requirements of SARA 313:

CAS NUMBER	CHEMICAL NAME
67-63-0	Isopropyl Alcohol (MANUFACTURING-STRONG ACID PROCESS)

SARA 311/312 Hazard Categories:

Immediate: Yes

Delayed: No

Fire: No

Pressure: No

Reactivity: No

State Regulations:

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer and Birth defects or other reproductive harm.

SECTION XVI- OTHER INFORMATION

We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.*

HMIS Information

Health 2

Flammability 2

Reactivity 0

NFPA Information

Health 2

Flammability 2

Reactivity 0