

MSDS Name: KOKO™ ML

Materials Safety Data Sheet

Emergency: CHEMTREC: 800 424 9300 or 703 527 3887 Updated: MAY2011
Supplier: Sino Lion (USA), Ltd., 11 Melanie Ln, Unit 4A East Hanover, NJ 07936
Tel: 973 887 8886; Fax: 973 887 2288

I: Identification

Product Name: Menthyl lactate
Trade Name: KOKO™ ML
Product Code: SL4210

II. Composition/Information on Ingredients

Chemical Name: Menthyl Lactate
Molecular Formula: $C_{12}H_{24}O_3$
CAS Number: 59259-38-0

III. Hazards Identification

Primary Eye Irritation (Rabbits): Mildly irritating
Primary Skin Irritation (Rabbits): Mildly irritating
Ingestion: May cause irritation of the digestive tract.
Inhalation: May cause respiratory tract irritation.
Chronic: No information found.

IV. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin Contact: Immediately flush the contaminated skin with plenty of water. If irritation occurs, seek medical attention.
Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

V. Explosion and Fire Fighting Measures

Flammable Properties: Flammable.
Extinguishing Media: Water, Carbon Dioxide, or Foam.
Instructions: KEEP PERSONNEL REMOVED FROM AND UPWING OF FIRE. WEAR FULL FIREFIGHTING TURN-OUT GEAR(FULL BUNKER GEAR)AND RESPIRATORY PROTECTION (SELF-CONTAINED BREATHING APPARATUS).COOL CONTAINER WITH WATER SPRAY.

VI. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

VII. Handling and Storage

MSDS Name: KOKO™ ML

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

VIII. Exposure Control Measures/Personal Protection.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Eye/Face Protection: Safety glasses are recommended.
Skin Protection: Wear appropriate protective gloves to prevent skin exposure.
Respiratory Protection: A respiratory protection program that meets OSHA's 29 CFR §1910.134 and ANSIZ88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.
Clothing: Wear appropriate protective clothing to prevent skin exposure.

IX. Physical and Chemical Properties

Appearance: Solid at 25 °C, may become liquid at higher temperature
Molecular Weight: 228.4
Melting Point: 35 °C min
Flash Point: 165 °C
Solubility: Water-Insoluble, Mineral Oil-Soluble, Ethanol-Soluble

X. Stability and Reactivity

Stability: Stable if stored under proper conditions.
Conditions To Avoid: Avoid contact with incompatible materials such as strong oxidants and acids.
Hazardous Poly Occur: Will not occur.

XI. Toxicological Information

LD50/LC50 Value: Not available.
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Other Information: Not available.

XII. Environmental Information

N/A.

XIII. Disposal Considerations

Waste Disposal Methods: Dispose of in a manner in accordance with federal, state, and local regulations.

XIV. Transport Information

DOT Classification: Not regulated.

XV. Regulatory Information

(Not meant to be all inclusive---selected regulations represented)

USA

TSCA Not listed.
TSCA Section 12b Not listed.
SARA Section 302 Not listed.
Section 313 Not listed.

MSDS Name: KOKO™ ML

OSHA: Not listed as highly hazardous by OSHA.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

Canada - DSL/NDSL Not listed.

Canada - WHMIS Not controlled.

XVI. Other Information

Prepared by: Regulatory

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