

Safety Data Sheet

“Mistic Synthetic Lube”

SECTION 1. IDENTIFICATION

“Mistic Synthetic Lube” is a synthetic fluid designed to cover a wide spectrum of machining applications.

Manufacturer or supplier’s details:

Company Address: Ekstrom Carlson Co.
5248 27th Ave., Rockford, IL 61109
PHONE: (815)394-1744

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion : Category 1A
Serious eye damage : Category 1
Specific target organ toxicity - repeated exposure (Oral) : Category 2 (Liver, Blood, Kidney)
:

GHS Label Element

Hazard pictograms :



Signal word : Danger :

Hazard statements : H314 Causes severe skin burns and eye damage.
H373 May cause damage to organs (Liver, Blood, Kidney) through prolonged or repeated exposure if swallowed.

Precautionary statements

: **Prevention:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P281 Use personal protective equipment as required.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects Carcinogenicity:

ACGIH -

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA -

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP –

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

3. === Composition/Information on Ingredients ===

Ingredient	CAS No	Wt Percent
Triethanolamine	102-71-6	<2%
Oleic Acid	112-80-1	<5%

4. === First Aid Measures ===

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE unless directed by poison control center or physician. If vomiting occurs, keep head below hips. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact:

Immediately flush skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.

5. === Fire Fighting Measures ===

Fire:

Flash point: >212°F Closed Cup

Autoignition temperature: N/D

Hazard combustion products:

Thermal: Carbon oxides. **Fire Extinguishing Media:**

Dry chemical, Carbon dioxide and water spray.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. === Accidental Release Measures ===

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. === Handling and Storage ===

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. === Exposure Controls /Personal Protection ===

Airborne Exposure Limits:

-ACGIH Threshold Limit Value (TLV):

5 mg/m³ (TWA) (aerosol)

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved):

For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Butyl rubber is a suitable material for personal protective equipment.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. === Physical/Chemical Properties ===

Appearance:

Clear amber liquid.

Odor:

mild

Solubility:

completely in water.

Specific Gravity:

1.01 @ 68°F

pH:

8.0-9.0.

% Volatiles by volume @ 68°F:

91-93

Boiling Point:

212°F

Melting Point:

N/D

Vapor Density (Air=1):

~1

Vapor Pressure (mm Hg):

25 mm Hg @ 68°F

Evaporation Rate (BuAc=1):

10. === Stability and Reactivity Data ===

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

Incompatibilities: Oxidizing materials.

Conditions to Avoid: Heat, flames, ignition sources and incompatibles.

11. === Toxicological Information ===

Toxicological Data: Oral rat LD50: N/D; inhalation rat LC50: N/D

Acute Dermal Toxicity: N/D.

12. === Ecological Information ===

Environmental Fate:

Readily biodegradable

Environmental Toxicity: N/D

13. === Disposal Considerations ==

Destroy by delivery to a RCRA approved incinerator. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. === Transport Information ===

Domestic (Land, D.O.T.)

Proper Shipping Name: Not regulated.

IMDG-Code: Not regulated

U.S. DOT : Not regulated

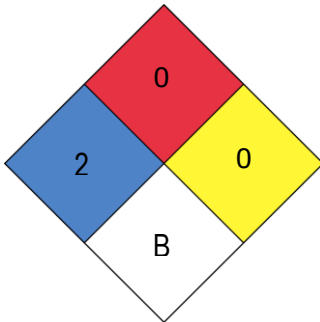
15. === Regulatory Information ===

SARA 304 Extremely Hazardous Substances Reportable Quantity - This material does not contain any components with a section 304 EHS RQ.

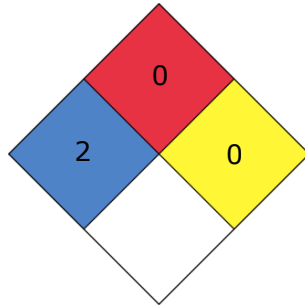
Form 500-22 Rev 08/10/15

SARA 302 - No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

HMIS



NFPA



16. === Other Information ===

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