MATERIAL SAFETY DATA SHEET

Air Tool Oil

UltraLube® Part Numbers: 10424

Environmental Lubricants Manufacturing, Inc.
311 B. Avenue
Grundy Center, IA 50638

Date Issued: 03/01/2006

Date Revised: 11/16/2010

General MSDS Assistance: (319) 824-5203

24 Hour Emergency Assistance - CHEMTREC: (800) 424-9300

I. IDENTIFICATION & PHYSICAL/CHEMICAL DATA

Product Name: Air Tool Oil

Product Class: Biodegradable Formulated Lubricating Oil

Manufacturer's I.D.: ELM Air Tool Oil

Synonyms and Trade Names: Not Applicable

CAS Number: Not Applicable

Solubility in Water: Insoluble

Appearance and Odor: Yellow oily liquid with faint vegetable oil odor

Percent Volatile by Volume: 0%

Evaporation Rate: Not Applicable

Boiling Range: Not Applicable

Vapor Density: Exceeds 1.0

Vapor Pressure at 20ºC: Not Applicable

Specific Gravity (H_2O=1.0): 0.921

Weight per Gallon: 7.68 lbs. at 60 °F

HMIS Code (H F R P): Health – 0, **Fire** – 1, **Reactivity** – 0, **Personal Protection** – B

II. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	OSHA TWA	OSHA STEL	ACGIH STEL
Soybean Oil	8001-22-7	15 mg/m^3**	---	---
Additive Mixture*	Confidential	---	---	---

* The specific chemical identity is being withheld by suppliers as trade secret
** OSHA TWA limit of 15 mg/m^3 is for vegetable oil mist; however ELM Air Tool Oil is highly resistant to mist formation
--- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SARA HAZARD: NONE NOTED (SECNON 311/312) TITLE III SECTION 313 - NOT LISTED

All components of this product are listed on the TSCA registry.

III. FIRE & EXPLOSION DATA

Flash Point: 468ºF **Fire Point:** 496ºF **LEL:** No Data

Flammability Classification: Combustible Liquid - Class IIIB

Extinguishing Media: Use carbon dioxide, dry chemical, or sand for small fires; aqueous foam for large fires.

Special Fire Fighting Procedures: Avoid use of water as it may spread fire by dispersing the oil. Water may be used to keep fire-exposed containers cool. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Fire & Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

IV. REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur

Conditions to Avoid: Fire, excessive heat.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decompositions or By-Products: Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

V. HEALTH HAZARD DATA

Effects of Overexposure:

Eye Contact: No specific information available. Contains materials that may cause eye irritation.

Ingestion: No specific information available. Considered practically non-toxic.

Inhalation: Excessive inhalation of vegetable oil mist may irritate the respiratory system. Vegetable oil mist is classified as a nuisance particulate by ACGIH. Heating above 500ºF (260ºC) can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.
Skin Absorption: No specific information available. Considered practically non-toxic.

Skin Contact: No specific information available. Generally non-irritating, however it contains materials that may cause skin irritation to some individuals on prolonged or repeated exposure.

Effects of Chronic Overexposure: No information available.

Emergency & First Aid Procedures:

Eye Contact: Flush with plenty of water and seek medical attention if irritation develops and persists.

Ingestion: Non-toxic, however if appreciable quantities are swallowed, seek medical attention.

Inhalation: In case of over-exposure to fumes if product is heated above 500ºF (260ºC), remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

Skin Contact: Remove contaminated clothing and wash contact area with soap and water. Seek medical attention if irritation develops and persists

VI. SPILL OR LEAK PROCEDURES

Steps to Be Taken In Case Material Is Released or Spilled: Depending on quantity of spill: (a) Small spill – add inert solid absorbent to spill, shovel into disposable container, flush area with water, and clean area with detergent. (b) Large spill – squeegee or pump spilled oil into holding container for disposal, then clean area as described for a small spill. Prevent washings from entering waterways.

Waste Disposal Method: Landfill, incinerate, or use biological treatment in accordance with federal, state, and local regulations.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection: Not normally needed. Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor from heating product is likely and where ventilation is inadequate.
Ventilation:
Local Exhaust: Intermittent clean air exchanges recommended when appropriate to control employee exposure.

Mechanical: Not recommended as the sole means of controlling employee exposure.

Protective Gloves: For operations where contact can occur, individuals known to have skin sensitivity should wear impervious gloves.

Eye Protection: Eye protection is always recommended when handling chemicals.

VIII. SPECIAL PRECAUTIONS

Store it in a dry place away from flame, fire, and excessive heat. Keep container closed. Avoid breathing mist and fumes when heating during use.

IX. STATE R-T-K COMPOSITION INFORMATION (and Canada)

Component	CAS #	DSL	NDSL
Soybean Oil	8001-22-7	---	---
Additive Mixture*	Confidential	---	---

* The specific chemical identity is being withheld by suppliers as trade secret.
--- Not determined

X. SARA TITLE III, SECTION 313 INFORMATION:

This product does not contain any SARA, Title III, Section 313 chemicals.

XI. RCRA INFORMATION

Regulated Waste: No

XII. CERCLA INFORMATION

This product contains no materials with reportable quantities.

XIII. CALIFORNIA PROPOSITION 65 INFORMATION:

To the best of our knowledge, this product does not contain any California Proposition 65 designated chemicals.

XIV. TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not Regulated
D.O.T. Hazard Class: Not Regulated **D.O.T. UN/NA Number**: None

XV. OTHER INFORMATION

None

To the best knowledge of Environmental Lubricants Manufacturing, Inc. (ELM), the information contained herein is accurate and reliable as of the date of this material safety data sheet. However no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.