

SAFETY DATA SHEET – CHICAGO PNEUMATIC PROTECTO LUBE (A.K.A. AIROLEN OIL)



1. IDENTIFICATION

PRODUCT IDENTIFIER USED ON LABEL:

PROTECTO LUBE (AIROLEN OIL)

OTHER MEANS OF IDENTIFICATION:

CA000046, P089507, CA149661

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE;

- PETROLEUM LUBRICATING OIL
- NO OTHER USES RECOMMENDED

NAME, ADDRESS, AND TELEPHONE NUMBER OF THE CHEMICAL MANUFACTURE R, IMPORTER, OR OTHER RESPONSIBLE PARTY:

CHICAGO PNEUMATIC Tool Co. LLc

1800 Overview Drive Rock Hill, SC 29730 - United States of America

Product Information

MSDS Requests: (800) 264-6457 or +17316454972

Technical Information: (800) 264-6457 or +17316454972

General Information: vswedley@spectrumcorporation.com

EMERGENCY PHONE NUMBER:

Emergency Response

North America: CHEMTREC (800) 424-9300 after 5:00pm CST Or +17035273887

Health Emergency

USA: (800) 264-6457 or +17316454972

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2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) of §1910.1200:

Acute Inhalation, Category 4

Signal Word:

Warning

Symbol:



Hazard Statements:

H332 : Harmful if Inhaled

Precautionary Statements:

Prevention:

P261 : Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 : Use only outdoors or in a well-ventilated area.

Response:

P304 + P340 : If inhaled: Remove person to fresh air and keep comfortable for breathing.

P312 : Call a poison center/doctor if you feel unwell.

3. Composition/ information on ingredients

The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance with paragraph (d) of §1910.1200

COMPONENTS	CAS Number	EU Number	Concentration (%)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1	90-100

4. FIRST AID MEASURES

Skin:	Wash skin with soap and warm water. Wash clothing before re-use.
Eye:	If splashed into eyes flush eyes with clear water for five (5) minutes.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell
Ingestion:	If ingested, do not induce vomiting. Call a physician.

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5. FIRE FIGHTING MEASURES

Flash Point: 405°F (207°C)

Protective Equipment/Fire Fighting Instructions:

- For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Extinguishing Media:

- Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames. 5.4.

Special Firefighting Procedures:

- Cool exposed containers with water spray.

Unusual Fire and Explosion Hazards:

- Pressure increase in over heated closed containers. Cool containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

- Remove ignition sources. Recover Liquid. Add absorbent to spill area. Ventilate confined spaces. Advise authorities if product enters sewers, etc.

Waste Disposal:

- Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site

Precautionary Measures:

- Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Wash thoroughly after handling.
- Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

7. HANDLING AND STORAGE

HANDLING

Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum re-conditioner or disposed of properly.

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STORAGE

Keep container closed when not in use. Do not store with strong oxidizing agents. Do not store at elevated temperatures.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Component Exposure Limits:

Distillates (petroleum), hydrotreated heavy paraffinic

- ACGIH TLV: 5mg/m³ (oil mist) TWA
- OSHA PEL: 5mg/m³ (oil mist) TWA

Engineering Controls:

Ventilate as needed to comply with exposure limit

Eye Protection:

Use goggles/face shield to avoid eye contact

Glove Protection:

Use impervious gloves to avoid repeated/prolonged skin contact.

Work/Hygienic Practices:

If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor:	Amber colored liquid with mild hydrocarbon odor.	Odor Threshold:	No data available
pH:	No data available	Boiling Point:	Wide range
Melting Point:	No data available	Solubility (H₂O):	Negligible
Specific Gravity:	0.870 @ 15.6°C	Density:	7.25 lbs/gal
Octanol/H₂O Coeff.:	No data available	Evaporation Rate (BUAC=1):	<1
Molecular Weight:	No data available	Decomposition Temp:	No data available
Auto Ignition:	No data available	Lower Flammability Limit:	No data available
Flash Point:	385°F (196°C)	Upper Flammability Limit:	No data available

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Vapor Density (Air=1):	>1	Vapor Pressure:	<1mmHg @ 20°C
VOC:	Nil	Flammability Class:	Not classified
Viscosity @ 40°C	32cSt (32 mm ² /s)	Viscosity @ 100°C	5cSt (5 mm ² /s)

10. STABILITY AND REACTIVITY

Reactivity:

Material does not pose a significant reactivity hazard.

Chemical Stability:

Stable

Incompatibility/Conditions to avoid:

Avoid strong oxidants

Possibility of Hazardous Reactions:

Will not undergo hazardous polymerization.

Hazardous Decomposition Products:

Partial burning produces fumes, smoke and carbon monoxide

11. TOXICOLOGY INFORMATION

Likely Routes of Exposure:

Ingestion, Inhalation, Eye contact, Skin contact.

Acute Effects:

- Inhalation: Harmful if inhaled. May cause respiratory irritation.
- Eye Contact: Expected to be minimal/no eye irritation.
- Skin Contact: Expected to be minimal/no skin irritation.
- Ingestion: Expected to be low ingestion hazard.

Component Data/ Analysis

Distillates (petroleum), hydrotreated heavy paraffinic

- Oral (LD50) (Rat): Acute: >5000 mg/kg
- Inhalation (LC50) (Rat): Acute: 2.18 mg/l (4hr)
- Dermal (LD50) (Rabbit): >5000 mg/kg

Sensitization:

Based on best current information, there are no known human effects.

Carcinogenicity:

There is no known information on carcinogenic components.

Mutagenicity:

Not expected to be mutagenic.

Reproductive Toxicity:

Based on best current information, there are no known human effects.

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Teratogenicity:

Based on best current information, there are no known human effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental fate analysis is not available for this specific product. Plants and animals may experience harmful or fatal effects when coated with petroleum products. Petroleum-based (mineral) lubricating oils normally will float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

Environmental Fate

Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

14. TRANSPORTATION INFORMATION

The shipping description below may not represent requirements for all modes of transportation, shipping methods or locations outside of the United States.

ROAD AND RAIL

DOT: NOT REGULATED

VESSEL

IMDG: NOT REGULATED

AIR

IATA: NOT REGULATED

15. REGULATORY INFORMATION

TSCA Inventory

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

SARA 302/304 Emergency Planning and Notification

No components were identified.

SARA 311/312 Hazard Identification

Acute (Immediate) Health Hazard

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SARA 313 Toxic Chemical Notification and Release Reporting

No components were identified.

CERCLA

No components were identified.

Clean Water Act (CWA)

This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

California Proposition 65:

The product contains chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey Right-to-Know Label

Petroleum Oil

16. OTHER INFORMATION

HAZARD RANKINGS			
HMIS		NFPA	
HEALTH HAZARD	1	HEALTH HAZARD	1
FIRE HAZARD	1	FIRE HAZARD	1
PHYSICAL HAZARD	0	INSTABILITY/REACTIVITY	0
Personal Protection	B		

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MANUFACTURER DISCLAIMER:

The data presented herein is based upon tests and information, which we believe to be reliable. However, users should make their own investigations to determine the suitability of the information for their particular purpose