



ALLIED LF CHAIN OIL

Safety Data Sheet

Rev. 06.2022

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ALLIED LF CHAIN OIL
Product Code: 00C75422
Supplier: ALLIED OIL & TIRE COMPANY
2209 S. 24TH STREET
OMAHA, NE 68108
Phone: (402) 344-4343 or (800) 333-3717
Emergency Phone Number: 1-800-424-9300 CHEMTREC

II. HAZARD IDENTIFICATION

Routes of Entry: Eye contact, Ingestion, Inhalation, Skin contact
Target Organs: Eyes
Chemical Interactions: No chemical interaction known to affect toxicity.
Conditions Aggravated by Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

Acute Health Effects:

Inhalation Irritation: Breathing oil mist in concentrations that exceed the TLV and PEL may result in respiratory discomfort and irritation.
Skin Contact: Lubricating oils are generally considered no more than minimally irritating to the skin.
Skin Absorption: No absorption hazard in normal industrial use.
Eye Contact: Can cause minor irritation.
Ingestion Irritation: Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Chronic Health Effects:

Carcinogenicity: Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

HMIS Ratings:

Health: 1
Flammability: 1
Reactivity: 0
PPE: B

NFPA Ratings:

Health: 1
Flammability: 1
Reactivity: 0

0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme



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III. CHEMICAL COMPONENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Petroleum distillates, hydrotreated heavy paraffinic	60 - 90	64742-54-7	No PEL
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	7 - 13	72623-87-1	No PEL
Solvent-refined light paraffinic distillate	3 - 7	64741-89-5	No PEL
Petroleum distillates, solvent dewaxed heavy paraffinic	1 - 5	64742-65-0	No PEL
Slack wax (petroleum), hydrotreated	0.5 - 1.5	92062-09-4	No PEL

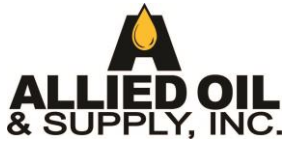
Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

IV. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.
Eyes:	Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.
Skin Contact:	Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If redness, swelling, pain, and/or blisters occur, transport to the nearest medical facility for additional treatment.
Ingestion:	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.
Notes to Doctor:	No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:	Combustible at elevated temperatures
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
Fire and/or Explosion Hazards:	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Fire and/or Explosion Methods:	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide, Smoke
Flash Point:	222 °C, (432°F)



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VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

Clean up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of in regular trash as product is not considered a hazardous waste. Used fluid should be disposed of at a recycling center. Do not flush to sewer.

Emergency Contacts: CHEMTREC 1-800-424-9300 ALLIED 1-800-333-3717

VII. HANDLING AND STORAGE

Handling: Mildly irritating material. Avoid unnecessary exposure.

Storage: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

Respiratory Protection: No respiratory protection required under normal conditions of use.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye Protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin Protection: Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Neoprene, Nitrile

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Petroleum distillates, hydrotreated heavy paraffinic	No TLV	No STL	No IDLH
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	No TLV	No STL	No IDLH
Solvent-refined light paraffinic distillate	No TLV	No STL	No IDLH
Petroleum distillates, solvent dewaxed heavy paraffinic	No TLV	No STL	No IDLH
Slack wax (petroleum), hydroteated	No TLV	No STL	No IDLH

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Amber

Odor: Mild

Viscosity: 15.62 cSt @ 100°C

Solubility: Negligible; 0-1%

Evaporation Rate: No data.

Boiling Point (°C): No data.

Specific Gravity: 0.88

Bulk Density: 7.32 Lbs/Gallon

Flash Point (°C): 222

Autoignition: No data.

Temp. (°C): Unknown

Upper Flammable/Explos



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ive Limit, %:

Lower Unknown

Flammable/Explosive

Limit, %:

For Further Technical Information, Contact Your Marketing Representative

X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition Products: Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

XI. TOXICOLOGICAL INFORMATION

Ingestion: Lubricating oils are generally no more than slightly toxic if swallowed.
Inhalation: At room temperature, exposure to vapor is minimal due to low volatility.
Absorption: No absorption hazard in normal industrial use.
Eyes Draize score: No data.
Skin Draize score: No data.
Sensitization: No data.

Component Toxicology Data (NIOSH):

Chemical Name	CAS Number	LD ₅₀ /LC ₅₀
Distillates (petroleum), hydrotreated heavy paraffinic (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the ran	64742-54-7	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	72623-87-1	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum distillates, solvent-refined light paraffinic	64741-89-5	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Inhalation LC50 Rat >4.7 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >5000 mg/kg



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XII. ECOLOGICAL INFORMATION

Overview:	Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
Mobility:	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
Persistence:	No data.
Bioaccumulation:	Bioconcentration is not expected to occur.
Degradability:	Biodegrades slowly.

Toxicity to Aquatic Invertebrates:	CAS Number	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	48 Hr EC50 Daphnia magna: >1000 mg/L
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	72623-87-1	48 Hr EC50 Daphnia magna: >1000 mg/L
Petroleum distillates, solvent-refined light paraffinic	64741-89-5	48 Hr EC50 Daphnia magna: >1000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	48 Hr EC50 Daphnia magna: >1000 mg/L
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	48 Hr EC50 Daphnia magna: 1 - 1.5 mg/L
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	48 Hr EC50 Daphnia magna: >1000 mg/L
Ethylenediamine	107-15-3	48 Hr EC50 Daphnia magna: 17 mg/L
Ethylenediamine	107-15-3	72 Hr EC50 Pseudokirchneriella subcapitata: 645 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 151 mg/L

Toxicity to Fish:	CAS Number	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	72623-87-1	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, solvent-refined light paraffinic	64741-89-5	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	96 Hr LC50 Pimephales promelas: 1.0-5.0 mg/L [static]; 96 Hr LC50 Pimephales promelas: 10.0-35.0 mg/L [semi-static]

XIII. DISPOSAL CONSIDERATIONS

Disposal of	Recycle containers whenever possible.
Packaging:	
Disposal Methods:	Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

XIV. TRANSPORTATION INFORMATION

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

XV. REGULATORY INFORMATION

TSCA Inventory Status:	A component or components of this product are listed on the TSCA Inventory of Existing Chemical Substances.
State Restrictions:	ND

Chemical Name	CAS No.	Regulation	Conc. %
None Listed.			
None Listed.		SARA 313	
None Listed.		SARA EHS	
None Listed.		TSCA 12b export notification	
None Listed.		CA Prop 65 - Cancer	



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None Listed		Canadian WHMIS list	
Mineral oil, petroleum distillates, solvent-refined light paraffinic	64741-89-5	Massachusetts RTK List	3 - 7
None Listed.		New Jersey RTK List	
None Listed.		Pennsylvania RTK List	
None Listed.		Rhode Island Hazardous Substance List	
None Listed.		Minnesota Hazardous Substance List	

XVI. OTHER INFORMATION

Revision Date: 2012-04-17 15:40:48
Superseded By: 2012-04-02 11:56:54
Disclaimer: Allied Oil & Tire Company makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Allied Oil & Tire Company as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor material designated herein and does not relate to use in combination with any other material or in any process.