

Safety Data Sheet

Issue Date: 05-Nov-2020

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Version 1

1. IDENTIFICATION

Product identifier

Product Name Chain Lube CL-10™

Other means of identification

SDS # MP-019

Recommended use of the chemical and restrictions on use

Recommended Use Bicycle chain oil; light multi-purpose lubricant.

Details of the supplier of the safety data sheet

Manufacturer Address

Muscle Products Corp
752 Kilgore Road
Jackson Center, PA 16133
www.musclelubricants.com

Emergency telephone number

Company Phone Number 1-814-786-0166
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Light amber liquid

Physical state Liquid

Odor Mild petroleum

Classification

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Reproductive toxicity	Category 1B
Aspiration toxicity	Category 1

Signal Word

Danger

Hazard statements

Harmful in contact with skin
Harmful if inhaled
May damage fertility or the unborn child
May be fatal if swallowed and enters airways



Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

Call a poison center or doctor/physician if you feel unwell

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	60-70
Petroleum Distillates, Hydrotreated light	64742-47-8	10-20
Zinc Alkyl Dithiophosphate	68649-42-3	<1
Tetrapropenylphenol	74499-35-7	<1
Phenol, 2,6-Bis(1,1-Dimethyl)-	128-39-2	<1

Chemical Additions

*Petroleum distillates may have multiple alternate appropriate CAS #'s for various different chemical registration authorities including: 8002-05-9, 91995-46-9, 64742-52-5, 64742-52-5, 64742-46-7, 64742-53-6

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Gently wash with plenty of soap and water. Call a poison center or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
Ingestion	Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms	Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be fatal if swallowed and enters airways.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Storage temperature should not exceed 40°C (104°F) to maintain best product performance. 2-year shelf life.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Mild petroleum
Appearance	Light amber liquid	Odor Threshold	Not determined
Color	Light amber		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not determined		
Melting point / freezing point	Not determined		
Boiling point / boiling range	276.7 °C / 530 °F		Method: ASTM D1120
Flash point	113.3 °C / 236 °F		Method: ASTM D93
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Liquid - Not Applicable		
Flammability Limit in Air			
Upper flammability or explosive limits	Not determined		
Lower flammability or explosive limits	Not determined		
Vapor Pressure	0.930 PSI		
Vapor Density	0.9267 g/cm ³		@ 60°F ASTM D1298
Relative Density	Not determined		
Water Solubility	insoluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	12.74 cSt @ 40°C ASTM D445		
	2.99 cSt @ 100°F ASTM D445		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Petroleum products tend to soften or swell most natural rubbers.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Eye Contact	Avoid contact with eyes.
Skin Contact	Harmful in contact with skin.
Inhalation	Harmful if inhaled.
Ingestion	May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2180 mg/m ³ (Rat) 4 h
Petroleum Distillates, Hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Proprietary salts	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 1.9 mg/L (Rat) 4 h
Phenol, 2,6-Bis(1,1-Dimethyl)- 128-39-2	> 5000 mg/kg (Rat)	> 10 g/kg (Rabbit)	-
Proprietary additive	= 40 g/kg (Rat)	> 20 mL/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product contains mineral oils which are considered to be severely refined and not carcinogenic under IARC. All of the mineral oils in this product contain less than 3% extractables by IP 346.

Chemical name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	A2	Group 1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	May damage fertility or the unborn child.
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50	4,170.80 mg/kg
Dermal LD50	1,668.33 mg/kg
ATEmix (inhalation-dust/mist)	2.34 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Petroleum distillates, hydrotreated light naphthenic 64742-53-6		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Petroleum Distillates, Hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	4720: 96 h Den-dronereides heteropoda mg/L LC50
Zinc Alkyl Dithiophosphate 68649-42-3		10.0 - 35.0: 96 h Pimephales promelas mg/L LC50 semi-static 1.0 - 5.0: 96 h Pimephales promelas mg/L LC50 static	1 - 1.5: 48 h Daphnia magna mg/L EC50
Proprietary salts	1000: 96 h Pseudokirchneriella subcapitata mg/L EC50	40: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Phenol, 2,6-Bis(1,1-Dimethyl)- 128-39-2			0.45: 48 h Daphnia magna mg/L EC50
Proprietary additive	8: 72 h Desmodesmus subspicatus mg/L EC50	900: 48 h Leuciscus idus mg/L LC50	100: 24 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Zinc Alkyl Dithiophosphate 68649-42-3	Toxic

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG
Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, hydrotreated light naphthenic	X	ACTIVE	X	X		X	X	X	X
Petroleum Distillates, Hydrotreated light	X	ACTIVE	X	X		X	X	X	X
Zinc Alkyl Dithiophosphate	X	ACTIVE	X	X		X	X	X	X
Proprietary salts	X	ACTIVE	X	X	X	X	X	X	X
Tetrapropenylphenol	X	ACTIVE	X			X	X		
Phenol, 2,6-Bis(1,1-Dimethyl)-	X	ACTIVE	X	X	X	X	X	X	X
Proprietary additive	X	ACTIVE	X	X	X	X	X	X	X

- Legend:**
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA
 This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313
 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc Alkyl Dithiophosphate		X		

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Petroleum distillates, hydrotreated light naphthenic 64742-53-6		X	
Zinc Alkyl Dithiophosphate 68649-42-3	X		X

16. OTHER INFORMATION

NFPA**Health Hazards**

2

Flammability

1

Instability

0

Special Hazards

None

HMIS**Health Hazards**

2

Flammability

1

Physical hazards

0

Personal Protection

Not determined

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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet