

Safety Data Sheet: MAXI-LUBE RED

Supersedes Date 10/18/2013

Issuing Date 05/30/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MAXI-LUBE RED
Recommended use Grease
Information on Manufacturer
CHEMSEARCH FE DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 4566
Chemical nature Polymer suspension (as an emulsion)
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Red

Physical state Grease

Odor Oily

GHS Classification

Physical Hazards

None

Health Hazard

Skin sensitization

Category 1

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H317 - May cause an allergic skin reaction

Precautionary Statements

P280 - Wear protective gloves, protective clothing and eye protection.
P261 - Avoid breathing mist
P272 - Contaminated work clothing should not be allowed out of the workplace
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs, get medical attention
P362 - Take off contaminated clothing and wash before reuse.
P501 - Dispose of contents and container in accordance with applicable local regulations.

17 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5	80-100
Aluminum benzoate fatty acid complex	82980-54-9	5-10
Antimony dialkyldithiocarbamate	15890-25-2	3-7
Barium dinonylnaphthalene sulfonate	25619-56-1	0.1-1.0
2,5-Bis(octyldithio)-1,3,4-thiadiazole	13539-13-4	0.1-1.0

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately if

Inhalation	irritation develops and persists. Wash contaminated clothing before re-use.
Ingestion	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Notes to physician	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point 450 °F / 232 °C	Method Tag closed cup	
Flammability Limits in Air %: Not applicable.	Upper: No data available	Lower: No data available
Suitable Extinguishing Media		
Foam. Water spray. Carbon dioxide (CO ₂). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical		
Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters		
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		
NFPA	Health 2	Flammability 1
HMIS -	Health 2	Flammability 1
		Instability 0
		Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Solutions extremely slippery when spilled.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing mist.			
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	0 °F / -18 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	TWA: 5 mg/m ³ ; STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Antimony dialkyldithiocarbamate	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³
Barium dinonylnaphthalene sulfonate	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Grease	Viscosity	Semi-Solid
Color	Red	Odor	Oily
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	0.89
Evaporation Rate	No data available	Percent Volatile (Volume)	0.2
VOC Content (%)	0.2	VOC Content (g/L)	2
Vapor Pressure	0.02 mmHg @ 70°F	Vapor Density	5.6 (Air = 1.0)
Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available

Boiling Point/Range	> 450 °F / 232 °C	Flammability (solid, gas)	No data available
Flash Point	450 °F / 232 °C	Method	Tag closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	Upper:	No data available
		Lower:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.
Incompatible Products	Strong oxidizing agents, Reducing agents, Strong acids, Bases.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Metal oxides, Sodium oxides, Aldehydes, Amines, Phenols.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

LD50 Oral No information available	LD50 Dermal No information available
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The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact.
Primary Routes of Entry	None known.

Acute Effects:

Eyes	Low hazard for usual industrial or commercial handling.
Skin	May cause allergic skin reaction.
Inhalation	Low hazard for usual industrial or commercial handling.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Prolonged skin contact may defat the skin and produce dermatitis.
Target Organ Effects	Respiratory system, Cardiovascular system, Skin, Eyes.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable) 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	No data available	No data available	No data available

Chronic Toxicity

Chemical Name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Antimony dialkyldithiocarbamate 15890-25-2	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system
2,5-Bis(octylidithio)-1,3,4-thiadiazole 13539-13-4	No data available	Skin Sensitization	No data available	No data available	Immune system

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

Toxicity to fish 10 - 100 mg/L 96h	Daphnia magna (Water flea) 10 - 100 mg/L 48 h
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Component Information

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
TDG Not regulated
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies
DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	Weight %	SARA 313 - Threshold Values
Antimony dialkyldithiocarbamate	15890-25-2	1-5	1.0
Barium dinonylnaphthalene sulfonate	25619-56-1	1-5	1.0

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA

16. OTHER INFORMATION

Prepared By Adrienne McKee
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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