

Safety Data Sheet MAXI-LUBE ULTRA

Supersedes Date 06/06/2014

Issuing Date 04/08/2016

1. PRODUCT AND COMPANY IDENTIFICATION

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

Product Code 412J
Chemical nature Mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Dark gray - Black

Physical state Semi-Solid

Odor Oily

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other hazards

None

Labeling

Signal Word

WARNING

Hazard statements

H320 - Causes eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

1 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0	10-30
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	64742-01-4	7-13
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	64742-62-7	7-13
Calcium carbonate	1317-65-3	5-10
Polyalphaolefin	68037-01-4	1-5
Molybdenum disulfide	1317-33-5	1-5

*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.

Eye Contact

Rinse the eyes with water. Remove any contact lenses and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops.

Skin Contact

Wash affected areas with plenty of soap and water for several minutes. Seek medical attention if irritation develops.

Inhalation

Remove from the area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion

Give 3 to 4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Seek medical attention if discomfort occurs.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 396 °F / 202 °C

Method Open cup

Flammability Limits in Air %: No information available.

Upper: No data available

Lower: No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Foam. 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

Instability 0

HMIS Health 2

Flammability 1

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

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

Pick up and transfer to properly labeled containers.

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing.

Storage

Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Storage Temperature

Minimum 0 °F / -18 °C

Maximum 151 °F / 66 °C

Storage Conditions

Indoor X

Outdoor X

Heated X

Refrigerated X

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	5 mg/m ³	5 mg/m ³	No data available
Calcium carbonate	No data available	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Molybdenum disulfide	TWA: 10 mg/m ³ inhalable fraction TWA: 3 mg/m ³ respirable fraction	TWA: 15 mg/m ³ total dust	No data available

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

Tightly fitting safety goggles.

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

Semi-Solid

Color

Dark gray - Black

Odor Threshold

Not applicable

pH

Not applicable

Evaporation Rate

0 (Butyl acetate=1)

VOC Content (%)

0

Vapor Pressure

<0.01 mmHg @ 70°F

Solubility

Negligible

Melting Point/Range

No data available

Boiling Point/Range

550 °F / 288 °C

Viscosity

Semi-viscous

Odor

Oily

Appearance

Opaque

Specific Gravity

1.01

Percent Volatile (Volume)

0

VOC Content (g/L)

0

Vapor Density

0 (Air = 1.0)

n-Octanol/Water Partition

No data available

Decomposition Temperature

No data available

Flammability (solid, gas)

No data available

Flash Point	396 °F / 202 °C	Method	Open cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available.	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, Strong acids.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sulfur oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

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

Oral LD50	1,276.00
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Eye contact, Skin contact.

Primary Routes of Entry Skin Absorption.

Acute Effects:

Eyes	Causes eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	May be harmful if swallowed.

Chronic Toxicity Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects No information available.

Aggravated Medical Conditions No information available.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) 64742-65-0	>5000 mg/kg (Rat)	>5000 mg/kg (rabbit)	no data available	No data available	No data available
Residual oils (petroleum), solvent refined (<3% DMSO extractable) 64742-01-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h	No data available	No data available
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable) 64742-62-7	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h	No data available	No data available
Calcium carbonate 1317-65-3	6450 mg/kg (Rat)	no data available	no data available	No data available	No data available
Polyalphaolefin 68037-01-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5.2 mg/l (Rat)	No data available	No data available
Molybdenum disulfide 1317-33-5	No data available	no data available	> 2820 mg/m ³ (Rat) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Calcium carbonate 1317-65-3	No data available	No data available	No data available	No data available	Skin Eyes Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
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Petroleum distillates, solvent dewaxed heavy paraffinic (<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
Residual oils (petroleum), solvent refined (<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
Residual oils (petroleum), solvent dewaxed (<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 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.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA**16. OTHER INFORMATION****Prepared By**

Laura Strauss

Supersedes Date

06/06/2014

Issuing Date

04/08/2016

Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

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