

Material Safety Data Sheet: MAXI-LUBE ULTRA #2

Supersedes Date 05/09/2012

Issuing Date 06/16/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MAXI-LUBE ULTRA #2
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

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING

May cause skin irritation
Causes severe eye irritation
May be harmful if swallowed

Color Dark gray - Black

Physical State Semi-Solid

Odor Oily

Potential Health Effects

Principle Route of Exposure

Eye contact, Skin contact.

Primary Routes of Entry

Skin Absorption

Acute Effects

Eyes

Severe irritation.

Skin

May cause skin irritation.

Inhalation

Low hazard for usual industrial or commercial handling.

Ingestion

May be harmful if swallowed.

Chronic Toxicity

None known.

Target Organ Effects

Respiratory system, Skin, Eyes.

Aggravated Medical Conditions

Skin disorders, Respiratory disorders.

Potential Environmental Effects

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS-No |
|--|------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | 64742-65-0 |
| C10-C16 alkybenzenesulfonic acid calcium salt | 68584-23-6 |
| Calcium carbonate | 1317-65-3 |
| Calcium-12-Hydroxystearate | 3159-62-4 |
| Styrene-Ethylene/Propylene Block Copolymer | 68648-89-5 |
| Tricalcium phosphate | 1306-06-5 |
| Molybdenum disulfide | 1317-33-5 |
| Polyalphaolefin | 68037-01-4 |

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Do NOT induce vomiting. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur. Rinse mouth.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

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, MSHA/NIOSH (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 | 150 °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 |
| C10-C16 alkybenzenesulfonic acid calcium salt | No data available | No data available | No data available |
| Calcium carbonate | No data available | TWA: 15 mg/m ³ TWA: 5 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ |
| Calcium-12-Hydroxystearate | No data available | No data available | No data available |
| Styrene-Ethylene/Propylene Block Copolymer | No data available | No data available | No data available |
| Tricalcium phosphate | No data available | No data available | No data available |
| Molybdenum disulfide | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | TWA: 15 mg/m ³ | No data available |
| Polyalphaolefin | No data available | No data available | 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 | Viscosity | Semi-viscous |
| Color | Dark gray - Black | Odor | Oily |
| Appearance | Opaque | pH | Not applicable |
| Specific Gravity | 1.01 | Evaporation Rate | 0 (Butyl acetate=1) |
| Percent Volatile (Volume) | 2 | VOC Content (%) | 1.8 |
| VOC Content (g/L) | 18.2 | Vapor Pressure | <0.01 mmHg @ 70°F |
| Vapor Density | 5.1 (Air = 1.0) | Solubility | Negligible |
| Boiling Point/Range | 550 °F / 288 °C | | |

10. STABILITY AND REACTIVITY

| | |
|----------------------------|--|
| Chemical Stability | Stable. Hazardous polymerization does not occur. |
| Conditions to Avoid | None known |

Incompatible Products
Hazardous Decomposition Products

 Strong oxidizing agents, Strong acids.
 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.

Component Information
Acute Toxicity

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation | Draize Test | Other |
|--|----------------------|----------------------|--------------------------------------|-------------------|-------------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | >5000 mg/kg (rat) | >5000 mg/kg (rabbit) | no data available | no data available | no data available |
| C10-C16 alkybenzenesulfonic acid calcium salt | no data available | no data available | no data available | no data available | no data available |
| Calcium carbonate | = 6450 mg/kg (Rat) | no data available | no data available | no data available | no data available |
| Calcium-12-Hydroxystearate | no data available | no data available | no data available | no data available | no data available |
| Styrene-Ethylene/Propylene Block Copolymer | no data available | no data available | no data available | no data available | no data available |
| Tricalcium phosphate | no data available | no data available | no data available | no data available | no data available |
| Molybdenum disulfide | no data available | no data available | > 2820 mg/m ³ (Rat) 4 h | no data available | no data available |
| Polyalphaolefin | no data available | no data available | no data available | no data available | no data available |

Chronic Toxicity

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|--|-------------------|-------------------|------------------------|-----------------------|--------------------------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | no data available | no data available | no data available | no data available | no data available |
| C10-C16 alkybenzenesulfonic acid calcium salt | no data available | no data available | no data available | no data available | no data available |
| Calcium carbonate | no data available | no data available | no data available | no data available | eyes, respiratory system, skin |
| Calcium-12-Hydroxystearate | no data available | no data available | no data available | no data available | no data available |
| Styrene-Ethylene/Propylene Block Copolymer | no data available | no data available | no data available | no data available | no data available |
| Tricalcium phosphate | no data available | no data available | no data available | no data available | no data available |
| Molybdenum disulfide | no data available | no data available | no data available | no data available | no data available |
| Polyalphaolefin | no data available | no data available | no data available | no data available | no data available |

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Component | ACGIH | IARC | NTP | OSHA | Other |
|--|----------------|----------------|----------------|----------------|----------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | not applicable | not applicable | not applicable | not applicable | not applicable |
| C10-C16 alkybenzenesulfonic acid calcium salt | not applicable | not applicable | not applicable | not applicable | not applicable |
| Calcium carbonate | not applicable | not applicable | not applicable | not applicable | not applicable |
| Calcium-12-Hydroxystearate | not applicable | not applicable | not applicable | not applicable | not applicable |
| Styrene-Ethylene/Propylene Block Copolymer | not applicable | not applicable | not applicable | not applicable | not applicable |
| Tricalcium phosphate | not applicable | not applicable | not applicable | not applicable | not applicable |
| Molybdenum disulfide | not applicable | not applicable | not applicable | not applicable | not applicable |
| Polyalphaolefin | not applicable | not applicable | not applicable | not applicable | not applicable |

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

| Component | Toxicity to Algae | Toxicity to Fish | Microtox | Water Flea | log Pow |
|--|-------------------|---|-------------------|-----------------------------------|---------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | no data available | LC50 > 5000 mg/L Oncorhynchus mykiss 96 h | no data available | EC50 1000 mg/L Daphnia magna 48 h | N/A |
| C10-C16 alkybenzenesulfonic acid calcium salt | no data available | no data available | no data available | no data available | N/A |
| Calcium carbonate | no data available | no data available | no data available | no data available | N/A |
| Calcium-12-Hydroxystearate | no data available | no data available | no data available | no data available | N/A |

| | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-----|
| Styrene-Ethylene/Propylene Block Copolymer | no data available | no data available | no data available | no data available | N/A |
| Tricalcium phosphate | no data available | no data available | no data available | no data available | N/A |
| Molybdenum disulfide | no data available | no data available | no data available | no data available | N/A |
| Polyalphaolefin | no data available | no data available | no data available | no data available | 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

| Component | Hazardous Substances RQs | CERCLA EHS RQs |
|--|--------------------------|----------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable) | Not applicable | Not applicable |
| C10-C16 alkybenzenesulfonic acid calcium salt | Not applicable | Not applicable |
| Calcium carbonate | Not applicable | Not applicable |
| Calcium-12-Hydroxystearate | Not applicable | Not applicable |
| Styrene-Ethylene/Propylene Block Copolymer | Not applicable | Not applicable |
| Tricalcium phosphate | Not applicable | Not applicable |
| Molybdenum disulfide | Not applicable | Not applicable |
| Polyalphaolefin | Not applicable | Not applicable |

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By Devon Kebodeaux
Supersedes Date 05/09/2012

Issuing Date 06/16/2014
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

CHEMSEARCH DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.