

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** LIQ. CHAIN LUBE (SOAP BASE) **Date of Revision:** M  
**Product Code:** T634  
**Other Name(s):** not applicable  
**Distributed By:** HADDON HOLDINGS LIMITED  
**Recommended Use and Restrictions on Use:** lubricant  
**Manufactured By:** Ostrem Chemical Co. Ltd. **Phone/Emergency F**  
2310 - 80th Avenue NW **780-440-1911**  
Edmonton, Alberta, Canada T6P 1N2 **Mon. - Fri. 8:00am -**  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Eye Damage/Irritation - Category 2A  
Skin Corrosion/Irritation - Category 2  
Flammable Liquids - Category 3

### Label Elements:

Hazard Pictogram(s):



Signal Word: WARNING

**Hazard Statement(s):** Causes serious eye irritation.  
Causes skin irritation.  
Flammable liquid and vapour.

### Precautionary Statement(s):

**Prevention:** Wash hands thoroughly after handling.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Wear protective gloves, protective clothing, and eye/face protection.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice.  
IF ON SKIN: Wash with plenty of water.  
If skin irritation occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.

**Storage:** Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

### Physical/health hazards not otherwise classified:

not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc. w/w</u>	<u>CAS #</u>	<u>Common Name</u>
potassium hydroxide (45%)	5 - 10%	1310-58-3	caustic potash
tetrasodium salt of ethylene diamine tetraacetic acid (40%)	15 - 40%	64-02-8	EDTA
isopropanol (99%)	10 - 30%	67-63-0	isopropyl alcohol

## 4. FIRST-AID MEASURES

**Necessary Measures:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present after rinsing.

If eye irritation persists: Get medical advice.

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice.

Take off contaminated clothing and wash it before reuse.

**Most important symptoms, both acute and delayed:**

Causes serious eye irritation.

Causes skin irritation.

**Indication of immediate medical attention and special treatment needed, if necessary:**

not applicable

## 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:**

Use extinguishing media appropriate for surrounding fire.

**Specific hazards arising from the chemical (e.g.: hazardous combustion products):**

May liberate carbon monoxide and carbon dioxide.

**Special protective equipment and precautions for firefighters:**

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective equipment. See section 8.

**Environmental precautions:**

Prevent from entering sewers, waterways or low areas.

**Methods and materials for containment and cleaning up:**

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and seal in suitable containers.

Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up with inert absorbent material, place in appropriate container and flush with water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Wash hands thoroughly after handling.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not ingest. Avoid contact with eyes, skin and clothing.

**Conditions for safe storage, including any incompatibilities:**

Store in a well-ventilated place. Keep cool.

Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters - Exposure limits:**

Ingredient:

potassium hydroxide (45%)

tetrasodium salt of ethylene diamine tetraacetic acid (40%)

isopropanol (99%)

Limit:

ACGIH Ceiling: 2 mg/m<sup>3</sup>

not available

ACGIH TWA: 200 ppm

STEL 400 ppm

**Appropriate engineering controls:**

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

**Respiratory protection:**

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

**Other protection:**

Wear protective gloves, protective clothing, and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, colour etc.):</b>	pale liquid
<b>Odour:</b>	not available
<b>Odour threshold:</b>	not available
<b>pH:</b>	10.0 - 12.0
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	38 C
<b>Evaporation rate:</b>	not available
<b>Flammability (solid, gas):</b>	not available
<b>Upper/lower flammability or explosive limits:</b>	not available
<b>Vapour pressure:</b>	not available
<b>Vapour density:</b>	not available
<b>Relative density (specific gravity):</b>	1.057
<b>Solubility(ies):</b>	100%
<b>Partition co-efficient: n-octanol/water:</b>	not available
<b>Auto-ignition temperature:</b>	not available
<b>Decomposition temperature:</b>	not available
<b>Viscosity:</b>	not available

## 10. STABILITY AND REACTIVITY

**Reactivity:**

This material is considered to be non-reactive under normal use conditions.

**Chemical stability:**

Stable.

**Possibility of hazardous reactions:**

not available

**Conditions to avoid (e.g.: static discharge, shock or vibration):**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

**Incompatible materials:**

Oxidizers

**Hazardous decomposition products:**

not available

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL ACUTE HEALTH EFFECTS**

<b>Inhalation:</b>	Inhalation of mist may cause damage to nasal and respiratory passages. Irritation, pneumonitis and pulmonary edema.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Eye contact:</b>	Causes serious eye irritation.
<b>Skin contact:</b>	Causes skin irritation.
<b>Skin absorption:</b>	not available

**POTENTIAL CHRONIC HEALTH EFFECTS**

<b>Inhalation:</b>	not available
<b>Ingestion:</b>	not available
<b>Eye contact:</b>	not available
<b>Skin contact:</b>	not available
<b>Skin absorption:</b>	not available

**Mutagenicity:** not available  
**Carcinogenicity:** This information, if applicable, can be found in the SDS.  
**Reproductive toxicity:** This information, if applicable, can be found in the SDS.  
**Sensitization of product:** This information, if applicable, can be found in the SDS.  
**Specific Target Organ Toxicity - single exposure:** This information, if applicable, can be found in the SDS.  
**Specific Target Organ Toxicity - repeated exposure:** This information, if applicable, can be found in the SDS.

**Toxicological Data:**

Ingredient:  
potassium hydroxide (45%)  
tetrasodium salt of ethylene diamine tetraacetic acid (40%)

Data:  
Oral LD50: 273 mg/kg (rat)  
Oral LD50: 513 mg/kg (rat)

isopropanol (99%) not available

**Other Toxicological Information on Ingredients:**

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity (aquatic and terrestrial, where available):** not available  
**Persistence and degradability:** not available  
**Bioaccumulative potential:** not available  
**Mobility in soil:** not available  
**Other adverse effects:** not available  
**Ecological Information on Ingredients:** not available

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.

**14. TRANSPORT INFORMATION**

**TDG classification:** NON-REGULATED

**15. REGULATORY INFORMATION**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations. The SDS contains all the information required by the HPR.

**16. PREPARATION INFORMATION**

**Prepared by:** Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911  
**Date of Preparation:** March 09, 2023  
**Date of Revision:** March 09, 2023

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and approval of Ostrem Chemical Co. Ltd.

**End of Document**

LIQ. CHAIN LUBE (SOAP BASE)

[Redacted]

March 09, 2023

Phone:

4:30pm MT

[Redacted]

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national regulations.

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