

**PRODUCT NAME:** ABRO Chain Lube  
**PRODUCT NUMBER/SIZE:** CL-100

**Revision Date:** 1/9/2015

## SECTION 1 Identification of the Substance and of the Company/Undertaking

**MANUFACTURER'S NAME:** ABRO INDUSTRIES, INC.

**ADDRESS:** 3580 Blackthorn Court  
South Bend, IN 46628  
USA

**PRODUCT DESCRIPTION:** Lubricant

**COMPANY PHONE:** 574-232-8289

**EMERGENCY 24-HR TELEPHONE:** Chemtrec: US/Canada 1-800-424-9300  
International +1-703-527-3887

## SECTION 2 Hazards Identification

### Classification:

Aerosol (Category 1)  
Skin irritation (Category 2)  
Reproductive toxicity (Category 2)  
Specific target organ toxicity - single exposure (Category 3), Central nervous system  
Specific target organ toxicity - repeated exposure, Oral (Category 2), Nervous system  
Aspiration hazard (Category 1)  
Acute aquatic toxicity (Category 2)  
Chronic aquatic toxicity (Category 2)

### Label Pictogram(s):



**Signal Word:** DANGER

**Hazard Phrases:** Extremely flammable aerosol. Pressurized container may burst if heated  
May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.  
May cause damage to organs (Nervous system) through prolonged or repeated exposure if swallowed. Toxic to aquatic life with long lasting effects.

**Precautionary Phrases:** Keep away from heat, sparks and open flame. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain

special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Do not breathe spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Collect spillage. Wear protective gloves, eye protection and other personal protective equipment as required.

**Response:** IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. IF ON SKIN wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed, concerned, you feel unwell or if skin irritation occurs: Get medical attention.

**Storage / Disposal:** Store in a well-ventilated place, keep container tightly closed, cool and locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Dispose of contents/ container to an approved waste disposal plant.

**Other:** Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand.

### SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV	Percent by weight
Hexane	110-54-3	500 ppm (TWA)	Not Available	48.75 %
Liquefied Petroleum Gas	68476-86-8	Unknown	1000 ppm (Propane) 800 ppm (Butane)	20 %
Petrolatum	8009-03-8	None	None	15 %
Polybutene	9003-29-6	None	None	16.25 %

\*\* Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Components of a blended material regulated under section 313 of SARA.

### SECTION 4 First Aid Measures

#### First Aid Measures

<b>Immediate Medical Attention:</b>	Treat symptomatically. Remove victim to fresh air.
<b>Eyes</b>	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
<b>Ingestion</b>	Seek medical attention. If individual is drowsy or unconscious, do not give

anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended

**Inhalation** If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Signs & Symptoms Of Over Exposure:** Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. May cause mild eye irritation. Symptoms include stinging, tearing, and redness; May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This may result in lung inflammation and other lung injury.

**Special Treatment:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. Preexisting disorders of the upper respiratory tract, skin, lung (for example, asthma-like conditions), central nervous system, nervous system, and male reproductive system may be aggravated by exposure.

**SECTION 5  
Fire Fighting Measures**

<b>Extinguishing media</b>	Dry Chemical(B-C), Foam, CO <sub>2</sub>
<b>Hazardous Combustion:</b>	Not Available.
<b>Protective Equipment and Precautions for firefighters:</b>	Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers. UNUSUAL HAZARDS: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst
<b>Flammability per Flame Projection Test</b>	EXTREMELY FLAMMABLE

**SECTION 6  
Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Not Available.
<b>Methods/materials for containment and cleanup:</b>	Absorb spill with inert material then place in a chemical waste container. Dispose of in accordance with local, state, and federal regulations.
<b>Environmental precautions:</b>	Not Available.

## SECTION 7 Handling and Storage

**Precautions for Safe Handling**

EXTREMELY FLAMMABLE. Vapor may cause a flash fire. Contents under pressure. Keep away from heat, sparks, open flames and any sources of ignition. Do not smoke while using. Use with adequate ventilation. Do not use in confined areas. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Do not puncture or incinerate containers. Exposure to temperatures above 120°F may cause container to burst.

**Conditions for Safe Storage**

Keep out of reach of children. Store in a cool, dry well-ventilated area away from incompatible materials. Store locked up. Store in accordance with NFPA 30B for Level 3 Aerosols.

## SECTION 8 Exposure Controls/Personal Protection

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV
Hexane	110-54-3	50 ppm (TWA)	Not Available
Liquefied Petroleum Gas	68476-86-8	Unknown	1000 ppm (Propane) 800 ppm (Butane)
Petrolatum	8009-03-8	None	None
Polybutene	9003-29-6	None	None

**Personal Protective Equipment:**

**Skin:** Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation. Impervious clothing and boots. Wash hands after each use.

**Eyes:** Wear SAFETY GLASSES to prevent eye contact.

**Respiratory:** Use respirator when TLV is exceeded

## SECTION 9 Physical and Chemical Properties

**Appearance and Physical State:**

Light yellow opaque opalescent liquid in pressurized aerosol spray can.

**Odor:**

Solvent odor

**Odor Threshold:**

Not Available.

**pH:**

Not Available

**Melting Point/Freezing Point:**

Not Available

**Initial boiling point & boiling range:**

> 100°F

**Flash Point:**

Not Available

**Evaporation rate:**

>1.00

**Flammability (solid, gas)**

Not Available

**Upper/lower flammability or explosive limits**

Not Available

Vapor pressure	Not Available
Vapor density	Not Available
Relative density / Specific gravity	0.73 - 0.76 g/mL
Solubility	Insoluble
Partition Coefficient n-Octanol/Water	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	Not Available
%-VOC Content:	77.0%
CARB VOC Category/Standard(%)	EXPORT
OTC Model Rule Category/Standard(%)	EXPORT
US EPA Cons Prod Category/Standard(%)	EXPORT

## SECTION 10 Stability and Reactivity

<b>Reactivity</b>	Product is non-reactive under normal conditions of use.
<b>Chemical Stability:</b>	Product is stable
<b>Possibility of hazardous reactions:</b>	None known.
<b>Conditions to avoid (e.g. static discharge, shock or vibration):</b>	Fire, sparks, open flames, temperatures above 120°F
<b>Incompatibilities:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	CO, CO <sub>2</sub> , Hydrocarbons
<b>Hazardous polymerization:</b>	Will not occur

## SECTION 11 Toxicological Information

**Likely Routes of Exposure:** Inhalation, eye/skin contact.

**Symptoms:**

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. May cause mild eye irritation. Symptoms include stinging, tearing, and redness; May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This may result in lung inflammation and other lung injury.

**Delayed and Immediate Effects:** Not Available.

**Chronic Effects:** Not Available.

**Toxicity Measures:**

Acute oral toxicity: n-Hexane LD 50 Rat: 25 g/kg  
Acute inhalation toxicity: n-Hexane LC 50 Rat: 48000 ppm, 4 h  
Acute dermal toxicity: n-Hexane LD 50 Rabbit: > 1.3 g/kg

**Chronic Effects:** No data available

**NTP Carcinogen:** No

**IARC Carcinogen:** No

**OSHA Carcinogen:** No

## SECTION 12 Ecological Information

**Ecotoxicity:**

Aquatic Toxicity  
Acute and Prolonged Toxicity to Fish: No Data  
Acute Toxicity to Aquatic Invertebrates: No Data  
Environmental fate & Pathways: No Data

**Persistence and Degradability:** No data available.

**Bioaccumulation Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

## SECTION 13 Disposal Considerations

**Storage and Disposal** Keep out of reach of children. Do not store near heat, sparks, or open flames. Recovered liquids may be sent to an EPA permitted re-claimer or incineration facility. Contaminated material must be disposed of in a permitted waste management facility. Consult Federal, state, or local disposal authorities for approved procedures.

**Waste Disposal Method:** Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14**  
**Transport Information**

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**U.S. DOT** UN/ID Number: UN1950  
Proper shipping name: Aerosols  
Hazard class: 2.1  
Packing Group: None  
Exceptions: May be shipped as a limited quantity or consumer commodity  
Environmental Hazards: None  
Transport in Bulk: Not Applicable.  
Special Precautions: ERG#126

**IMO/IMDG** UN/ID Number: UN1950  
Proper shipping name: Aerosols  
Hazard class: 2.1  
Packing Group: None  
Exceptions: May be shipped as a limited quantity  
Environmental Hazards: None  
Transport in Bulk: Not Applicable  
Special Precautions: EmS F-D, S-U

**ICAO/IATA** UN/ID Number: UN1950  
Proper shipping name: Aerosols, flammable  
Hazard Class: 2.1  
Packing Group: None  
Exceptions: May be shipped as a limited quantity or consumer commodity  
Environmental Hazards: None  
Transport in Bulk: Not Applicable  
Special Precautions: None

**Canada (TDG)** UN/ID Number: UN1950  
Proper shipping name: Aerosols, flammable  
Hazard class: 2.1  
Packing Group: None  
Exceptions: May be reclassified as a limited quantity.  
Environmental Hazards: None  
Transport in Bulk: Not Applicable  
Special Precautions: ERG#126

**SECTION 15**  
**Regulatory Information**

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 313 Information (40 CFR 372): This product contains a chemical which is listed in Section 313 at or above the de minimis concentrations. NONE

U. S. Toxic Substance Control Act (TSCA): All components of this product are listed on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

## SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

### ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable

*This information is intended to provide interpretative and authoritative information in regard to the subject matter covered as a service to our clients and has been answered to the best of our ability based on the information provided to us. We do not guarantee the accuracy or completeness of any such interpretation or information, however, nor do we warrant that compliance with any advice we provide will guarantee compliance with any legal or regulatory requirements. Our statements or opinions do not convey legal interpretation and government authorities or legal counsel should be contacted for such a response.*