

LUBRI CLEAN

SECTION 1. IDENTIFICATION

Product Identifier	LUBRI CLEAN
Other Means of Identification	Polyurethane Foam Cleaner
Recommended Use	Cleaning solvent for dispensing guns.
Restrictions on Use	None known.
Manufacturer	Rivenco Industries Ltd., 150 Curtis Dr., Guelph, On, N1K1N5, Canada, Scott Cambell, 800-565-9936, www.rivenco.com
Emergency Phone No.	Canutec, 613-996-6666

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable aerosol - Category 1; Eye irritation - Category 2; Specific target organ toxicity (single exposure) - Category 3

Label Elements



Signal Word:

Danger

Hazard Statement(s):

Extremely flammable aerosol.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statement(s):

Prevention:

Product Identifier: LUBRI CLEAN - Ver. 1
Date of Preparation: February 05, 2018
Date of Last Revision: February 05, 2018

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands and skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection/face protection.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Call a POISON CENTRE or doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Acetone	67-64-1	60.0-100.0		
Propane	74-98-6	5.0-10.0		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention.

Product Identifier: LUBRI CLEAN - Ver. 1
Date of Preparation: February 05, 2018
Date of Last Revision: February 05, 2018

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, get medical advice or attention.

Ingestion

Call a Poison Centre or doctor if you feel unwell.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled and/or swallowed: symptoms may include headache, nausea, dizziness, drowsiness and confusion. If in eyes: symptoms include sore, red eyes, and tearing.

Immediate Medical Attention and Special Treatment

Target Organs

Nervous system, skin, eyes.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Special "alcohol resistant fire-fighting foams". Carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable Extinguishing Media

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents. Highly flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Before entry, especially into confined areas, check atmosphere with an appropriate monitor.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Stop or reduce leak if safe to do so. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Do NOT use combustible materials such as sawdust.

Other Information

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental

Product Identifier: LUBRI CLEAN - Ver. 1

Date of Preparation: February 05, 2018

Date of Last Revision: February 05, 2018

Page 03 of 08

authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Do not weld, cut or perform hot work on empty container until all traces of product have been removed. Wear personal protective equipment to avoid direct contact with this chemical. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Do not get in eyes. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation.

Conditions for Safe Storage

Store in an area that is: cool, temperature-controlled, dry, well-ventilated, out of direct sunlight and away from heat and ignition sources, an approved, fire-resistant area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Acetone	500 ppm	750 ppm	1000 ppm	2400 ppm		
Propane	Not established	Not established	1000 ppm	Not established	Not established	Not established

Appropriate Engineering Controls

Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.
Suitable materials are: neoprene rubber, nitrile rubber, Viton®, Silver Shield®.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless liquefied gas.
Odour	Gasoline-like
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	56.05 °C
Flash Point	-104.4 °C (estimated)
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable gas.
Upper/Lower Flammability or Explosive Limit	12.3% (estimated) (upper); 2.5% (estimated) (lower)
Vapour Pressure	2139.17 kPa (16043.80 mm Hg) at 20 °C (68 °F)
Vapour Density (air = 1)	Not available

Product Identifier: LUBRI CLEAN - Ver. 1

Date of Preparation: February 05, 2018

Date of Last Revision: February 05, 2018

Relative Density (water = 1)	0.759 at 25 °C (77 °F)
Solubility	Not available in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	460 °C
Decomposition Temperature	Not available
Viscosity	Not applicable (kinematic); Not applicable (dynamic)
Other Information	
Physical State	Gas
Heat of Combustion	30.15 kJ/g

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Prolonged exposure to high temperatures.

Incompatible Materials

Reacts violently with: strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid).
Not corrosive to metals.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Acetone	55700 ppm (rat)	5800 mg/kg (rat)	7426 mg/kg (rabbit)
Propane	> 8000000 ppm (rat)		

Skin Corrosion/Irritation

Human experience and animal tests show mild irritation.

Serious Eye Damage/Irritation

May cause serious eye damage based on information for closely related materials.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

Product Identifier: LUBRI CLEAN - Ver. 1
Date of Preparation: February 05, 2018
Date of Last Revision: February 05, 2018

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Acetone	Not Listed	A4	Not Listed	Not Listed
Propane	Not Listed	Not designated	Not Listed	Not Listed

ACGIH®:

A4 – Not classifiable as a human carcinogen.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Acetone	5540 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	6100 mg/L (Daphnia magna (water flea); 48-hour)	> 100 mg/L (Selenastrum capricornutum (algae); 96-hour)	

Persistence and Degradability

No information was located.

Bioaccumulative Potential

(Acetone) n-Octanol/Water Partition Coefficient (Log Kow): -0.24. (Propane) n-Octanol/Water Partition Coefficient (Log Kow): 2.36.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

Product Identifier: LUBRI CLEAN - Ver. 1

Date of Preparation: February 05, 2018

Date of Last Revision: February 05, 2018

Page 06 of 08

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	AEROSOLS (Acetone, propane)	2.1	N/A
US DOT	1950	AEROSOLS (Acetone, propane)	2.1	N/A
IMO (Marine)	1950	AEROSOLS (Acetone, propane)	2.1	N/A
IATA (Air)	1950	AEROSOLS (Acetone, propane)	2.1	N/A

Environmental Hazards Not applicable (Acetone)

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

None known.

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

California Proposition 65:

Not applicable.

CERCLA:

Not applicable.

Massachusetts, New Jersey, and Pennsylvania Right To Know. (Acetone). (Propane)

SARA Title III - Section 302:

Not applicable.

SARA Title III - Section 311/312:

Not applicable.

SARA Title III - Section 313:

Not applicable.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 1 Flammability - 4 Instability - 0

SDS Prepared By Technical Services Department

Phone No. 800-565-9936

Date of Preparation February 05, 2018

Date of Last Revision February 05, 2018

Revision Indicators Revision 1

Product Identifier: LUBRI CLEAN - Ver. 1

Date of Preparation: February 05, 2018

Date of Last Revision: February 05, 2018

References

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Product Identifier: LUBRI CLEAN - Ver. 1
Date of Preparation: February 05, 2018
Date of Last Revision: February 05, 2018

Page 08 of 08