1. Identification

Product identifier: Lubri-Teck

Product code:

Supplier name: Chimiques Nellen
2295 Boulevard Industriel
Chambly, Québec
J3L 4W3

Telephone: (450) 447-0707

Emergency telephone number: (450) 447-0707

Available hours: 8h-16h

Recommended use: Storing product

Restrictions on use: For industrial use only

2. Hazard identification

Hazard classification: **NONE**

Product classification:

Hazard statement(s):

Precautionary statement(s)

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Response: Not applicable.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

Other hazards: Not applicable.

See toxicological information, section 11

3. Composition/information on ingredients

No	CAS No	Common name and synonyms	Concentration (W/W)
1	56-81-5	Glycerine	80 to 100%

The real concentrations are retained as industrial secret.

4. First-aid measures

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Not applicable.

Skin contact: Not applicable.

Inhalation: Not applicable.

Ingestion: Not applicable.

Symptoms: No known symptoms.

Effects (acute or delayed): No known effect.

Immediate medical attention and special treatment: No specific treatment.

5. Fire-fighting measures

Suitable extinguishing media: Use dry chemical, CO2, water spray (fog) or foam.

Unsuitable extinguishing media: Not applicable.

Specific hazards arising from the hazardous product: No specific hazard.

Hazardous combustion products: Not available.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Protective equipment and emergency procedures: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosionproof equipment. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. The handling of this product must comply with local regulations. Store in an airtight container located in a dry, well ventilated and soil corrosion resistant cemented. Refer to the storage of the ROHS standards and NFC. Keep away from combustible materials and acids. If the product is stored with other dangerous substances, refer to the NFC segregation table. Containers for corrosive substances shall be kept closed, carry clear identification of their contents and be handled with care. Note: this product attacks certain types of plastic, rubber or coating.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibility: Acetic anhydride. Oxidants.

8. Exposure controls/Personal protection

No	CAS No	Common name and synonyms	IDHL mg/m3	TWA mg/m3	STEL mg/m3	CEIL mg/m3
1	56-81-5	Glycerine	Not applicable	Not applicable	Not applicable	Not applicable

IDHL: Immediately Dangerous to Life or Health Concentrations
TWA: Time Weighted Average
STEL: Short -Term Exposure Limit
CEIL: Ceiling Limit

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: NOT WEAR CONTACT LENSES Wear anti-splash safety goggles.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

9. Physical and chemical properties

Physical state: Liquid
Colour: None
Odour: None
Odour threshold: Not available

pH: Not available
Melting/Freezing point: 18.17°C (64.71°F)
Initial boiling point/boiling range: 290°C (554°F)
Flash point: 199°C (390.2°F) Closed cup
Lower flammable/explosive limit: Not available
Upper flammable/explosive limit: Not available
Auto-ignition temperature: 370°C (698°F)
Evaporation rate: Not available
Vapour pressure: Not available
Vapour density: Not available
Relative density: 1.261 kg/L at 20 °C (water = 1)
Solubility in water: Soluble
Partition coefficient – n-octanol/water: Not available
Decomposition temperature: Not available
Kinematic viscosity: Not available

10. Stability and reactivity

Reactivity: Stable under recommended conditions of storage and handling.

Chemical stability: The product is chemically stable under normal conditions of use.

Possibility of hazardous reactions: May react violently or explode upon contact many oxidants.

Conditions to avoid: Do not pierce or burn, even after use. Keep away from incompatible products.

Incompatible materials: (see Section 7)

Hazardous decomposition products: Not available

11. Toxicological information

No	CAS No	Common name and synonyms	(1) LD oral	(2) LD skin	(3) LD skin	(4) LC gases	(5) LC vapours	(6) LC dusts-mist
1	56-81-5	Glycerine	>2000	Not available	Not available	Not available	Not available	Not available

(1) LD_{50} oral mg/kg

(2) LD_{50} skin mg/kg
(3) LD_{50} skin mg/kg
(4) LC_{50} inhalation ppmV 4h gases
(5) LC_{50} inhalation mg/l 4h vapours
(6) LC_{50} inhalation mg/l 4h dusts-mist

Routes of exposure: This product is absorbed by the digestive tract.

Symptoms: No known symptom.

Delayed and immediate effects: No known effect.

No	CAS No	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction
1	56-81-5	Glycerine	3	A4	The data do not allow for an adequate assessment of mutagenic effects.	The data do not allow for an adequate evaluation of the effects on reproduction.

Cancer classification under IARC (International Agency for Research on Cancer)

Group 1: carcinogenic to humans.
Group 2A: probably carcinogenic to humans.
Group 2B: possibly carcinogenic to humans.
Group 3: not classifiable as to its carcinogenicity to humans.
Group 4: probably not carcinogenic to humans.

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

Group A1: confirmed human carcinogen.
Group A2: suspected human carcinogen.
Group A3: confirmed animal carcinogen with unknown relevance to humans.
Group A4: not classifiable as a human carcinogen.
Group A5: not suspected as a human carcinogen.

12. Ecological information

No	CAS No	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity
1	56-81-5	Glycerine	80 to 100%	No	No	No

The real concentrations are retained as industrial secret.

No	CAS No	Common name and synonyms	%	Ecotoxicity for aquatic organisms-Short term	Ecotoxicity for aquatic organisms-Long term	Environmental effects
1	56-81-5	Glycerine	80 to 100%	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.

The real concentrations are retained as industrial secret.

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

	TDG	DOT	IMDG	IATA
UN number				
Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)				
Packing group				

Other information

Marine pollutant: Not applicable

IMDG: Not applicable

Exemption for limited quantity: Not applicable.

Special precautions: Not applicable

Other exemptions:

15. Regulatory information

Canada

No	CAS No	Common name and synonyms	%	DSL	NSL	NPRI
1	56-81-5	Glycerine	80 to 100%			

The real concentrations are retained as industrial secret.

United-States

No	CAS No	Common name and synonyms	%	TSCA	PROP-65	Right to Know
1	56-81-5	Glycerine	80 to 100%			

The real concentrations are retained as industrial secret.

All ingredients are listed on the EINECS or in compliance with the inventory
The customer is responsible for determining the PPE (personal protection equipment) code for this material.
The classification of the product and the SDS were developed in accordance with HPR.

16. Other information

Date: 2019-05-29

Version: 2

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