Safety Data Sheet

Gliss Silicone Lubricant (Aerosol) Low VOC

SECTION 1. IDENTIFICATION

Product Identifier	Gliss Silicone Lubricant (Aerosol) Low VOC
Recommended Use	Silicone lubricant and release agent.
Restrictions on Use	None known.
Manufacturer/Supplier Identifier	Cansew inc., 111 Chabanel West, Montreal, Quebec, H2N 1C9, Canada, 514-382-2807
Emergency Phone No.	CANUTEC, 1-888-226-8832 , or *666 on a cellular phone.
SDS No.	0365

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Flammable aerosol - Category 1; Gas under pressure - Liquefied gas; Eye irritation - Category 2B; Specific target organ toxicity (single exposure) - Category 1; Specific target organ toxicity (single exposure) - Category 3

Label Elements

Signal Word:
Danger
Hazard Statement(s):
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H320 Causes eye irritation.
H336 May cause drowsiness or dizziness.
H370 Causes damage to organs.
Precautionary Statement(s):
Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
Response:
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 If exposed: Call a POISON CENTRE or doctor.
P308 + P311 If exposed or concerned: Call a POISON CENTRE or doctor.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

May be a fire hazard in a confined space.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Acetone	67-64-1	15 - 40%		
n-Heptane	142-82-5	15 - 40%		
Polydimethylsiloxane	63148-62-9	4 - 8 %		
Carbon dioxide gas	124-38-9	2 - 6 %		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash with plenty of water. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Immediately call a Poison Centre or doctor. Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

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: small amounts can cause effects as described for inhalation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. If on skin: can cause effects as described for skin contact. If in eyes: small amounts may cause very mild irritation. May cause moderate to severe irritation. Symptoms include sore, red eyes, and tearing. If inhaled and/or swallowed: small amounts symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, lungs, respiratory system.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

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

Flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. May travel a considerable distance to a source of ignition and flash back to a leak or open container.
In a fire, the following hazardous materials may be generated: corrosive, flammable ammonia; very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Fight fire from a safe distance or a protected location. flammable or explosive atmosphere. Dike and recover contaminated water for appropriate disposal.
Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Distant ignition and flashback are possible.

Environmental Precautions

Concentrated product: it is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Concentrated product: do NOT use combustible materials such as sawdust. Dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal. Store recovered product in suitable containers that are: review Section 13 (Disposal Considerations) of this safety data sheet. Review Section 13 (Disposal Considerations) of this safety data sheet.

Other Information

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

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

If used in a confined space: prevent skin contact. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Conditions for Safe Storage

Concentrated product: store in an area that is: cool, well-ventilated, out of direct sunlight and away from heat and ignition sources. Store in a closed container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	**TWA**	**STEL**	**TWA**	**Ceiling**	**8-hr TWA**	**TWA**
Acetone	500 ppm	750 ppm	1000 ppm		Not established	
n-Heptane	400 ppm	500 ppm	500 mg/m3			
Carbon dioxide gas	5000 ppm	30000 ppm	9000 mg/m3			

Appropriate Engineering Controls

Concentrated product: in a confined space: do not allow product to accumulate in the air in work or storage areas, or in

confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Provide eyewash in work area, if contact or splash hazard exists. Provide safety shower in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Concentrated product: wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Not normally required if product is used as directed. Concentrated product: if airbourne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless liquid.
Odour	Aromatic
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not applicable (melting); < 0 ºC (32 ºF) (freezing)
Boiling Range	95 - 100 ºC (203 - 212 ºF)
Flash Point	-5 ºC (23 ºF) (closed cup)
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable solid.
Upper/Lower Flammability or Explosive Limit	6.8% (upper); 0.60% (lower)
Vapour Pressure	145 mm Hg at 25 ºC
Vapour Density (air = 1)	> 1
Relative Density (water = 1)	> 1
Solubility	Practically insoluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	0.95 - 0.97 centipoises (dynamic)

Other Information

Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Accumulation of static charge. Freezing.

Incompatible Materials

Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Acetone	30000 mg/kg (rabbit) (4-hour exposure)	5800 mg/kg (rat) (4-hour exposure)	> 16000 mg/kg (rabbit)
n-Heptane	> 5,000 mg/kg (rat)		
Polydimethylsiloxane	> 15,400 mg/kg		> 2,000 mg/kg (rabbit)
Carbon dioxide gas	> 53000 ppm (rat) (4-hour exposure)		

LC50 (Inhalation)

Not applicable.

LD50 (Oral)

Not applicable.

LD50 (Dermal)

Not applicable.

Skin Corrosion/Irritation

Human experience shows mild irritation. Symptoms include slight redness and swelling.

Serious Eye Damage/Irritation

Human experience shows serious eye irritation. May cause serious eye irritation based on information for closely related materials. Symptoms include sore, red eyes, and tearing. The vapour also irritates the eyes.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

Skin Absorption

Symptoms may include redness, rash, swelling and itching.

Ingestion

Can cause effects as described for inhalation.

Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Acetone	Not evaluated	A4	Not Listed	Not Listed

Not a carcinogen.

Key to Abbreviations

Group 3 = Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity

Development of Offspring

May harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility. If inhaled: if inhaled and/or swallowed.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not mutagenic.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Ecotoxicity

No information was located.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Acetone	12600 mg/L (Daphnia magna (water flea); 48-hour)			
n-Heptane	1.284 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)			4.338 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)
Polydimethylsiloxane	350 mg/L (Pimephales promelas (fathead minnow); 96-hour)		Not available	Not available

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
Acetone	5540 mg/L (Oncorhynchus mykiss (rainbow trout); 21-day)			
Polydimethylsiloxane		Not available		

Persistence and Degradability

Considered not to degrade rapidly, because no data regarding degradability are available.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

This product contains volatile organic compounds.

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. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Do not reuse empty containers. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	Aerosols (Aerosols Flammable)	2.1	II
Canadian TDG	1950	Aerosols	Limited Quantity	

Environmental Hazards Not applicable

Special Precautions Please note: Read safety instructions, SDS and emergency procedures before handling.

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

Other Information If the shipment exceeds 500 kg in weight, this is shipped as LIMITED QUANTITY – AEROSOLS FLAMMABLE CLASS 2.1

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This section is not required by WHMIS.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 3** **Instability - 2**

SDS Prepared By Cansew Inc.

Phone No. 514-382-2807

Date of Last Revision April 30, 2025

Disclaimer This Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Cansew Inc. expressly disclaims all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.