

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: SILICONE LUBE
Recommended Use: LUBRICANT
Restrictions on Use: INDUSTRIAL USE ONLY
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: FLAMMABLE AEROSOL, EYE IRRITANT, REPRODUCTIVE HAZARD, ASPIRATION TOXIC.

Symbols:



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL CONTAINS GAS UNDER PRESSURE MAY EXPLODE IF HEATED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

Precautionary statements:

KEEP AWAY FROM SPARKS, OPEN FLAME, HOT SURFACES, HEAT. NO SMOKING
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE
AVOID BREATHING SPRAY. WASH THOROUGHLY AFTER HANDLING
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
WEAR PROTECTIVE GLOVES, PROTECTIVE CLOTHING, EYE PROTECTION, FACE PROTECTION.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
ACETONE,	67-64-1	20 – 40 %
BUTANE	106-97-8	20 – 40 %
PROPANE	74-98-6	20 – 40 %
HEPANE	142-82-5	2.5 – 10 %
SOLVENT NAPHTHA (PETROLEUM)	64742-89-8	2.5 – 10 %
LIGHT ALIPHATIC		
CYCLOHEXANE	110-82-7	1 – 2.5 %
HEXANE	110-54-3	0.1 – 1 %
TOLUENE	108-88-3	0.1 – 1 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general: CALL A PHYSICIAN IMMEDIATELY.

First-aid measures after inhalation: REMOVE PERSON TO FRESH AIR AND COMFORTABLE FOR BREATHING.

First-aid measures after skin contact: WASH WITH WATER FOR SEVERAL MINUTES. TAKE OFF CONTAMINATED CLOTHING. IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after eye contact: RINSE CAUTIOUSLY WITH PLENTY OF WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

Most important symptoms and effects, both acute and delayed:

Symptoms / injuries: MAY CAUSE DROWSINESS OR DIZZINESS,

Symptoms / injuries after inhalation: ALTHOUGH NO APPROPRIATE HUMAN OR ANIMAL HEALTH

Product Identifier: SILICONE LUBE

EFFECTS DATA ARE KNOWN TO EXIST, THIS MATERIAL IS EXPECTED TO BE AN INHALATION HAZARD.

Symptoms / injuries after skin contact: IRRITATION.

Symptoms / injuries after eye contact: EYE IRRITATION

Symptoms / injuries after ingestion: RISK OF LUNG OEDEMA.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: WATER SPRAY, FOAM, DRY POWDER, CARBON DIOXIDE. DO NOT USE A HEAVY WATER STREAM.

Special hazards arising from the substance or mixture:

Fire hazards: EXTREMELY FLAMMABLE AEROSOL.

Explosion hazards: NO DIRECT EXPLOSION HAZARD.

Reactivity: EXTREMELY FLAMMABLE AEROSOL.

Advice for firefighters:

Firefighting instructions: FIGHT FIRE FROM A SAFE DISTANCE AND PROTECTED LOCATION.

EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE.

Protection during fire fighting: DO NOT ENTER FIRE AREA WITHOUT SUITABLE PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION. DO NOT TAKE ACTION WITHOUT PROPER PROTECTIVE EQUIPMENT: SELF CONTAINED BREATHING APPARATUS, COMPLETE PROTECTIVE CLOTHING.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures;

General measures: STOP LEAK IF SAFE TO DO SO. NOTIFY AUTHORITIES IF PRODUCT ENTERS SEWERS OR PUBLIC WATERS. ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE

For non-emergency personnel:

Protective equipment : WEAR RECOMMENDED PROTECTIVE EQUIPMENT.

Emergency procedures: VENTILATE SPILLAGE AREA. NO FLAMES, NO SPARKS. AVOID BREATHING DUST / FUME / GAS / VAPOURS / SPRAY.

For emergency responders:

Protective equipment : DO NOT TAKE ACTION WITHOUT SUITABLE PROTECTIVE EQUIPMENT. FOR FURTHER INFORMATION SEE SECTION 8.

Emergency procedures: EVACUATE UNNECESSARY PERSONNEL. STOP LEAK IF SAFE TO DO SO.

Environmental precautions : AVOID RELEASE TO THE ENVIRONMENT.

Methods and material for containment and cleaning up:

For containment: ABSORB SPILLED MATERIAL WITH SAND OR EARTH. CONTAIN ANY SPILLS WITH DIKES OR ABSORBENTS TO PREVENT MIGRATION AND ENTRY TO SEWERS AND STREAMS. STOP LEAK WITHOUT RISK IF POSSIBLE.

Methods for cleaning up : TAKE UP LIQUID SPILL INTO ABSORBENT MATERIAL. DISPOSE OF MATERIALS OR SOLID RESIDUES AT AN AUTHORIZED SITE.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: NOT EXPECTED TO PRESENT A SIGNIFICANT HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. DO NOT PUNCTURE OR BURN EVEN AFTER USE. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. AVOID BREATHING DUST / FUME / GAS / VAPOURS / SPRAY. AVOID CONTACT WITH SKIN AND EYES. WEAR PERSONAL PROTECTIVE EQUIPMENT.

Hygiene measures: WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING THE PRODUCT. USE GOOD PERSONAL HYGIENE PRACTICES.

Technical measures: KEEP IN A COOL, WELL-VENTILATED PLACE AWAY FROM HEAT.

Storage conditions: PROTECT FROM SUNLIGHT. STORE IN A WELL-VENTILATED PLACE. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C. KEEP CONTAINER TIGHTLY CLOSED.

Storage area: AEROSOL 3.

Product Identifier: **SILICONE LUBE**

Special rules on packaging: **STORE PRODUCT IN ORIGINAL CONTAINER.**

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

ACETONE (67-64-1)

ACGIH TWA (ppm) 250 ppm

ACGIH STEL (ppm) 500 ppm

REMARK ACGIH - TLV BASIS URT & EYE IRR. CNS IMPAIR. A4 NOT CLASSIFIABLE AS A HUMAN CARCINOGEN

BUTANE (106-97-8)

ACGIH TWA (ppm) 1000 ppm

PROPANE (74-98-6)

ACGIH OELTWA (ppm) 1000 ppm

REMARK- SIMPLE ASPHYXIAN

OSHA PEL TWA (ppm) 1000 ppm

OSHA PEL TWA (mg/m³) 1800 mg/m³

HEPTANE (142-82-8)

ACGIH OEL TWA (ppm) 400 ppm

REMARK- ACGIH TLV BASIS CNS IMPAIR, URT IRR

OSHA STEL TWA (ppm) 500 ppm

OSHA PEL TWA (mg/m³) 2000 mg/m³

OSHA PEL TWA (ppm) 500 ppm

CYCLOHEXANE (110-54-3)

ACGIH TWA (ppm) 100 ppm

REMARK- ACGIH CNS IMPAIR,

OSHA PEL TWA (mg/m³) 1050 mg/m³

OSHA PEL TWA (ppm) 300 ppm

HEXANE (110-54-3)

ACGIH TWA (ppm) 50 ppm

REMARK- ACGIH TLV BASIS CNS IMPAIR PERIPHERAL NEUROPATHY, EYE IRR SKIN BEI

OSHA PEL TWA (ppm) 500 ppm

OSHA PEL TWA (mg/m³) 1800 mg/m³

TOLUENE (108-88-3)

ACGIH TWA (ppm) 20 ppm

REMARK- ACGIH VISUAL IMPAIRMENT, FEMALE REPRO, PREGNANCY LOSS A4 BEI

OSHA PEL C (ppm) 300 ppm

OSHA PEL TWA (ppm) 200 ppm

Exposure controls: ENSURE GOOD VENTILATION OF THE WORK STATION .

Personal protective equipment: GLOVES, PROTECTIVE GOGGLES PROTECTIVE CLOTHING USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.



Hand protection: GLOVES.

Eye protection: SAFETY GLASSES.

Skin and eye protection: WEAR CHEMICAL PROTECTIVE EQUIPMENT THAT IS SPECIFICALLY RECOMMENDED BY THE MANUFACTURER. USE OF AN IMPERVIOUS APRON IS RECOMMENDED.

Respiratory protection: IF PERMISSIBLE LEVELS ARE EXCEEDED USE NIOSH MECHANICAL FILTER / ORGANIC VAPOUR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR.

Thermal hazard protection: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.

Environmental exposure controls: AVOID RELEASE TO THE ENVIRONMENT.

Consumer exposure controls: WHEN USING DO NOT SMOKE. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK. USE GOOD PERSONAL HYGIENE PRACTICES. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Product Identifier: SILICONE LUBE

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	LIQUID
Colour and appearance:	AEROSOL, CLEAR COLOURLESS LIQUID.
Odour:	SOLVENT ODOUR.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	< 93.7 ° C
Flash point:	- 104 ° C propellant estimated
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILBLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.759 – 0.769 g/ml (estimated)
Solubility:	NO DATA AVAILABLE
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	232.86 ° C (ESTIMATED)
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	< 20 cSt
Viscosity, dynamic:	NO DATA AVAILABLE

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: EXTREMELY FLAMMABLE AEROSOL.
Chemical stability: STABLE UNDER NORMAL CONDITIONS.
Possibility of hazardous reactions: NO DANGEROUS REACTIONS KNOWN UNDER NORMAL CONDITIONS.
Conditions to avoid: HOT SURFACES, HEAT. NO FLAMES. NO SPARKS. ELIMINATE SOURCES OF IGNITION.
Incompatible materials: NO ADDITIONAL INFORMATION AVAILABLE.
Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED.
CYCLOHEXANE (110-82-7)
LD 50 oral / rat > 5000 mg/kg body weight. EQUIVALENT OR SIMILAR TO OECD 401 RAT MALE / FEMALE EXPERIMENTAL VALUE (ORAL)
LC 50 dermal / rabbit >2000 mg/kg (body weight) EQUIVALENT OR SIMILAR TO OECD 402 RABBIT MALE /FEMALE EXPERIMENTAL VALUE (DERMAL 14 DAYS)
LC 50 inhalation rat >32.88 mg/L EQUIVALENT OR SIMILAR TO OECD 403 RAT MALE /FEMALE EXPERIMENTAL VALUE INHALATION VAPOURS 14 DAYS)
LC 50 inhalation rat 5540 ppm 4 h

HEXANE (110-54-3)
LD 50 oral / rat 16000 mg/kg body weight EQUIVALENT OR SIMILAR TO OECD 401 RAT MALE / FEMALE EXPERIMENTAL VALUE (ORAL)
LC 50 dermal / rabbit >3350 mg/kg body weight EQUIVALENT OR SIMILAR TO OECD 402 RABBIT MALE READ ACROSS (DERMAL 14 DAYS)
LC 50 inhalation rat 17.6 mg/kg body weight
ATE CLP (oral) 160000 mg/kg body weight
Skin corrosion/irritation: NOT CLASSIFIED.
Serious eye damage/irritation: CAUSES SERIOUS EYE IRRITATION

Product Identifier: SILICONE LUBE

Respiratory or skin sensitization: NOT CLASSIFIED.
Germ cell mutagenicity: NOT CLASSIFIED.
Carcinogenicity: NOT CLASSIFIED.
TOLUENE (108-88-3) IARC GROUP 3 NOT CLASSIFIABLE
Reproductive toxicity: NOT CLASSIFIED.
Specific target organ toxicity (single exposure): MAY CAUSE DROWSINESS OR DIZZINESS.
Specific target organ toxicity (repeated exposure): NOT CLASSIFIED.
Aspiration hazard: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
Symptoms/ injury following inhalation: ALTHOUGH NO APPROPRIATE HUMAN OR ANIMAL HEALTH EFFECTS DATA ARE KNOWN TO EXIST, THIS MATERIAL IS EXPECTED TO BE AN INHALATION HAZARD.
Symptoms / injuries after skin contact: IRRITATION.
Symptoms / injuries after eye contact: EYE IRRITATION.
Symptoms /injuries after ingestion: RISK OF LUNG OEDEMA.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE.
Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE.
Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: COLLECT AND RECLAIM OR DISPOSE IN SEALED CONTAINERS AT LICENSED DISPOSAL SITE. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR CRUSH. DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL / NATIONAL REGULATONS. DO NOT ALLOW INTO DRAINS OR WATER COURSES.

SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE
Class: 2.1
UN Number: UN 1950
Packing Group: Not applicable.
Limited quantity exemption: CONTAINER UNDER 1 LITRE.

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553
Latest revision date: SEPTEMBER 12, 2024