

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 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:

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
KEEP AWAY FROM SPARKS, OPEN FLAME, HOT SURFACES, HEAT. NO SMOKING
DO NOT USE UNTIL ALL SAFETY INSTRUCTIONS HAVE BEEN READ AND UNDERSTOOD.
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.
STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C
DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | CAS REGISTRY NUMBER | CONCENTRATION % |
|--|---------------------|-----------------|
| ACETONE, PROPAN-2-ONE, PROPANONE | 67-64-1 | 20 – 40 % |
| BUTANE | 108-97-8 | 20 – 40 % |
| PROPANE | 74-98-6 | 20 – 40 % |
| HEPANE, N-HEPTANE | 142-82-5 | 2.5 – 10 % |
| SOLVENT NAPHTHA (PETROLEUM) LIGHT ALIPHATIC | 64742-89-8 | 2.5 – 10 % |
| CYCLOHEXANE | 110-82-7 | 1 – 2.5 % |
| HEXANE | 110-54-3 | 0.1 – 1 % |
| TOLUENE | 108-88-3 | 0.1 – 1 % |

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SECTION 4 – FIRST AID MEASURES

First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. IMMEDIATELY TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

First-aid measures after inhalation: REMOVE THE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. CALL A POISON CENTRE OR A DOCTOR IF YOU FEEL UNWELL

First-aid measures after skin contact: WASH WITH PLENTY OF WATER.

First-aid measures after eye contact: RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 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: IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR . RINSE MOUTH. DO NOT INDUCE VOMITING. PREVENT ASPHYXIA / ASPIRATION PNEUMONIA..

Most important symptoms and effects, both acute and delayed:

Symptoms / injuries: CAUSES SERIOUS EYE IRRITATION. IRRITATION TO THROAT. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

Symptoms / injuries after inhalation: MAY CAUSE DROWSINESS OR DIZZINESS, HEADACHE, NAUSEA, FATIGUE, IRRITATION OF THE NASAL MUCOUS MEMBRANES.

Symptoms / injuries after skin contact: CONTACT DURING A LONG PERIOD MAY CAUSE LIGHT IRRITATION.

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION, REDNESS OF THE EYE TISSUE.

Symptoms / injuries after ingestion: SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY. SYMPTOMS MAY BE DELAYED.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: ALCOHOL-RESISTANT FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE. DO NOT USE WATER JET AS IT MAY CAUSE THE FIRE TO SPREAD.

Special hazards arising from the substance or mixture:

Fire hazards: EXTREMELY FLAMMABLE AEROSOL.

Explosion hazards: CONTENTS UNDER PRESSURE. PRESSURIZED CONTAINER MAY BURST IF HEATED.

Reactivity: THERMAL DECOMPOSITION MAY PRODUCE HAZARDOUS GASES.

Advice for firefighters:

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. MOVE CONTAINERS AWAY FROM THE FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES, IF POSSIBLE. IF NOT, WITHDRAW AND LET FIRE BURN OUT. SOME OF THESE MATERIALS, IF SPILLED, MAY EVAPORATE LEAVING A FLAMMABLE RESIDUE.

Protection during fire fighting: DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures;

General measures: EVACUATE UNNECESSARY PERSONNEL. KEEP UPWIND / DISTANCE FROM SOURCE. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS, E.G. CLOSE TO THE GROUND. NO FLAMES, NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.

For non-emergency personnel:

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Protective equipment : DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT. DO
Emergency procedures : NOT BREATHE GAS. DO NOT TOUCH SPILLED MATERIAL. VENTILATE
SPILLAGE AREA.. ADVISE LOCAL AUTHORITIES IF CONSIDERED NECESSARY.

For emergency responders:

Protective equipment : EQUIP CLEAN UP CREW WITH PROPER PROTECTION.

Emergency procedures : STOP LEAK IF SAFE TO DO SO. STOP RELEASE. VENTILATE AREA.

Environmental precautions : AVOID RELEASE TO THE ENVIRONMENT. DO NOT CONTAMINATE
WATER WITH THE PRODUCT OR ITS CONTAINER. DO NOT ALLOW TO ENTER DRAINS OR WATER
COURSES.

Methods and material for containment and cleaning up:

For containment: .KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED
MATERIAL. ELIMINATE EVERY POSSIBLE SOURCE OF IGNITION. STOP LEAK IF SAFE TO DO SO.
PREVENT THE PRODUCT FROM ENTERING DRAINS OR CONFINED AREAS.

Methods for cleaning up : TAKE UP LIQUID SPILL INTO INERT ABSORBENT MATERIAL.
FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN
AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT HANDLE UNTIL
ALL SAFETY INSTRUCTIONS HAVE BEEN READ AND UNDERSTOOD. DO NOT SPRAY ON A
NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT SMOKE WHILE HANDLING
PRODUCT. DO NOT EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF
IGNITION. USE ONLY NON-SPARKING TOOLS. USE ONLY EXPLOSION-FREE ELECTRICAL
EQUIPMENT WITH EARTH. AVOID CONTACT DURING PREGNANCY / WHILE NURSING. WASH
HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING,
DRINKING, OR SMOKING AND WHEN LEAVING WORK. OBSERVE NORMAL HYGIENE
STANDARDS. AVOID PROLONGED AND REPEATED CONTACT WITH SKIN. USE ONLY OUTDOORS
OR IN A WELL-VENTILATED AREA. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
AVOID BREATHING GAS. OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT GET IN EYES,
ON SKIN, OR ON CLOTHING.

Hygiene measures: WASH CONTAMINATED CLOTHING BEFORE REUSE. USE GOOD PERSONAL
HYGIENE PRACTICES.

Technical measures: PRESSURIZED CONTAINER. DO NOT PUNCTURE, INCINERATE OR CRUSH.
KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION
SOURCES. NO SMOKING. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.

Storage conditions: STORE LOCKED UP. PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO
TEMPERATURES EXCEEDING 50 C.

Incompatible products: ACIDS, STRONG OXIDIZING AGENTS, NITRATES, FLUORINE, CHLORINE.

Storage area: AEROSOL 3.

Special rules on packaging: MEET LEGAL REQUIREMENTS.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

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|--|-----------------------------|
| ACETONE, PROPAN-2-ONE, PROPANONE (67-64-1) | ACGIH TWA (ppm) 250 ppm |
| | ACGIH STEL (ppm) 500 ppm |
| BUTANE (106-97-8) | ACGIH TWA (ppm) 1000 ppm |
| PROPANE (74-98-6) | ACGIH STEL (ppm) 1000 ppm |
| HEPTANE, N-HEPTANE (142-82-8) | OSHA PEL TWA (ppm) 1000 ppm |
| CYCLOHEXANE (110-54-3) | ACGIH TWA (ppm) 400 ppm |
| HEXANE (110-54-3) | ACGIH TWA (ppm) 100 ppm |
| TOLUENE (108-88-3) | ACGIH TWA (ppm) 50 ppm |
| | ACGIH TWA (ppm) 20 ppm |

Exposure controls: ENSURE GOOD VENTILATION. PROVIDE SUFFICIENT AIR EXCHANGE AND/OR
EXHAUST. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE
PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS
TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE

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LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

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



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.

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.

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: | 66 ° C |
| Flash point: | - 104 ° C |
| 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 AVAILABLE |
| 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

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Reactivity: THERMAL DECOMPOSITION MAY PRODUCE HAZARDOUS GASES.

Chemical stability: STABLE UNDER NORMAL CONDITIONS.

Possibility of hazardous reactions: NO DANGEROUS REACTIONS KNOWN UNDER NORMAL CONDITIONS. HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

Conditions to avoid: HEAT. NO FLAMES. NO SPARKS. AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49°C. AVOID TEMPERATURES EXCEEDING THE FLASH POINT.

Incompatible materials: ACIDS, STRONG OXIDIZING AGENTS, NITRATES, FLUORINE, CHLORINE.

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 12705 mg/kg body weight LC 50 dermal / rabbitt >2000 mg/kg (body weight)

LC 50 inhalation rat >19.07 mg/L 4 h LC 50 inhalation rat 5540 ppm 4 h

HEXANE (110-54-3)

LD 50 oral / rat 16000 mg/kg body weight LC 50 dermal / rabbitt >3350 mg/kg (body weight)

Skin corrosion/irritation:

NOT CLASSIFIED.

Serious eye damage/irritation:

CAUSES SERIOUS EYE IRRITATION

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: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

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: MAY CAUSE DROWSINESS OR DIZZINESS, HEADACHE, NAUSEA, FATIGUE, IRRITATION OF THE NASAL MUCOUS MEMBRANES.

Symptoms / injuries after skin contact: CONTACT DURING LONG PERIOD MAY CAUSE LIGHT IRRITATION.

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION. REDNESS OF THE EYE TISSUE.

Symptoms /injuries after ingestion: SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS.

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: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR CRUSH. DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL / NATIONAL REGULATIONS.

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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 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS

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Latest revision date: December 6, 2016