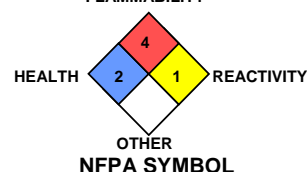


|              |   |
|--------------|---|
| Health       | 2 |
| Flammability | 4 |
| Reactivity   | 1 |
| PPI          | B |

# MATERIAL SAFETY DATA SHEET

## SILICONE SPRAY AEROSOL

FLAMMABILITY



### HMIS SYMBOL

#### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **SILICONE SPRAY AEROSOL**  
 Chemical Family: Mixture  
 Use: Lubricant  
 Manufacturer/Supplier: **Jet-Lube of Canada Ltd.**  
 3820 – 97 Street NW  
 Edmonton, Alberta  
 Canada T6E 5S8  
 Phone: (780) 463-7441 Fax: (780) 463-7454  
 CCOHS: 1-800-668-4284

#### Emergency:

CANUTEC PH: (613) 996-6666 Cell: \*666 TTY/TDD: 1-888-675-6863

#### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Components | Odorless Mineral Spirits     | Heptane         | Isobutane     | Propane           |
|----------------------|------------------------------|-----------------|---------------|-------------------|
| CAS NO.              | 64742-48-9                   | 142-82-5        | 75-28-5       | 74-98-6           |
| WT %                 | 15 - 40                      | 15 - 40         | 10 - 30       | 7 - 13            |
| OSHA PEL             | 100 ppm                      | 400 ppm         | 1000 ppm      | 1000 ppm          |
| ACGIH TLV            | Not Available                | Not Available   | Not Available | Not Available     |
| LD50                 | 5000 mg/kg Rat               | 15000 mg/kg Rat | N/A           | 5000 mg/kg Rabbit |
| LC50                 | 5500 mg/m <sup>3</sup> (4hr) | Not Available   | 142500 ppm    | Not Available     |
| OTHER(STEL):         | Not Available                | Not Available   | Not Available | Not Available     |

#### SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry: Eyes, Inhalation, Ingestion, Skin  
 Eyes: May cause irritation to eyes.  
 Inhalation: Inhalation of solvents may cause irritation. Propellant is a simple Asphyxiant.  
 Ingestion: May cause headache, nausea, vomiting and weakness.  
 Skin: May cause irritation after prolonged skin exposure, especially for persons with hyper sensitivity.

#### SECTION 4 - FIRST AID MEASURES

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.  
 Ingestion: Do not induce vomiting. Wash out mouth. Contact a physician immediately.  
 Skin: Remove by wiping or with a waterless hand cleaner, followed by washing with soap and water.  
 Inhalation: Remove to fresh air. If breathing difficulty continues seek medical help.

#### SECTION 5 - FIRE FIGHTING MEASURES

Flammability: Highly Flammable  
 Extinguishing Media: Use dry chemicals, foam, halon, CO<sub>2</sub>  
 Flash Point (COC): -4°C (-24.8°F) (lowest known value Heptane)  
 Explosive Properties: LEL – 2.6% UEL - 9.5%  
 Aerosol Flame Projection: >15cm BUT<100cm.  
 Hazardous Combustion Products: Oxides of carbon, smoke and irritating vapors as products of incomplete combustion.  
 Protective Equipment: Self-contained breathing apparatus.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Remove sources of ignition, scoop up excess, then wipes down area, pick up residue with diatomaceous earth to avoid a walking hazard.  
 Environmental Precautions: Do not allow product to enter into drains.

#### SECTION 7 - HANDLING AND STORAGE

Handling Procedures: Keep away from heat, sparks, and open flames. Do not pressurize, cut, heat or weld empty containers.  
 Storage Requirements: Store in a cool, well ventilated place.  
 Engineering Controls: If user's operation generates vapors or mists, use ventilation to keep exposure to airborne contaminants below the exposure limit. Make up air should always be supplied to balance air removed by exhaust ventilation. Ensure eyewash station and safety shower are close to work station.

#### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment (PPE's):  
 Respiratory Protection: If used indoors, cartridge type respirator is recommended.  
 Hand Protection: Protective gloves for hypersensitive persons.  
 Eye Protection: Protective glasses if applied to moving parts.  
 Body Protection: Protective overalls.

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear Aerosol Odor: Hydrocarbon  
 Odor Threshold: Not Determined Specific Gravity Liquid: 0.72 Typical  
 Vapor Pressure: 45 - 55 PSIG Vapor Density: <1  
 Boiling Point: >93.3°C Melting Point: Not Determined  
 pH: Neutral %VOC Aerosol: 90 -98  
 Density Aerosol: 0.65 g/cm<sup>3</sup>  
 Evaporation Rate (Butyl Acetate = 1.0): >1

#### SECTION 10 - STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions. No photo reactive agents.  
 Conditions to Avoid: Powerful sources of ignition and extreme temperatures.  
 Materials to Avoid: Strong acids and oxidizing agents.  
 Hazardous Decomposition Products: May release COx, smoke and irritating vapors when heated to decomposition.

#### SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure Limit of Material: See Section 2.  
 LC50 of Ingredients, Species and Routes: See Section 2.  
 LD50 of Ingredients, Species and Routes: See Section 2.  
 Teratogenicity, Embryotoxicity and/or Fetotoxicity: Not Available  
 Mutagenicity: Not Available  
 Effects of Long-Term (Chronic) Exposure: Long term dermal application may produce possible skin irritation.  
 Carcinogen: NTP: No IARC: No OSHA: No

#### SECTION 12 - ECOLOGICAL INFORMATION

Possible Effects: Solubility of solvent fraction in water could act as a marine pollutant.  
 Behavior: Unknown  
 Environmental Fate: Unlikely to cause notable contamination or concern beyond flammability.

#### SECTION 13 - DISPOSAL CONSIDERATIONS

Consult federal, provincial and local regulations for disposal of aerosol products. Do not incinerate.

#### SECTION 14 - TRANSPORT INFORMATION

TDG (Canada): Flammable Aerosols are controlled by the Canadian Transportation of Dangerous Goods. Regulated  
 Land, Rail, Air & Marine: Requirements for Transport  
 Shipping Name: AEROSOLS, Flammable  
 UN No.: UN1950  
 Packing Group: N/A  
 Classification: CLASS 2.1, Flammable Aerosols  
 Labeling Requirements: Limited Quantity labels for containment less than LQI of 6 L net contents per containment. Class 2.1 Label if > 6 L net contents per containment or large containment. **(Air)** Gas flammable label is required.  
 Maximum net quantity per package: **(Air)** Passenger Aircraft - **FORBIDDEN**  
 Cargo Aircraft - 150 kg  
 Special provisions **(Air)**: A1, A145, A153  
 Packing instructions **(Air)**: 203  
 Placard Requirements: Limited Quantities – None required.  
 Large Containment – Class 2.1

#### SECTION 15 - REGULATORY INFORMATION

WHMIS: Classes A, B-5, D-2B  
 DSL: All components listed  
 CPR Compliance: This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by those regulations.

#### SECTION 16 - OTHER INFORMATION

CPR - Controlled Product Regulations  
 DSL - Domestic Substance List

As of issue date, the information contained herein is accurate and reliable to the best of Jet-Lube of Canada Ltd.'s knowledge. Jet-Lube of Canada Ltd. does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the users' responsibility to satisfy themselves that the information offered for their consideration is suitable for their particular use.

Prepared by: **Jet-Lube of Canada Ltd. - Laboratory**  
 Last Date of Revision: **May 8, 2012**