

FOOD GRADE SILICONE

DESCRIPTION

JET-LUBE® FOOD GRADE SILICONE is an excellent lubricant for use on processing equipment in all types of food and food-related industries where incidental food contact may occur. **FOOD GRADE SILICONE** stops sticking, squeaking and binding of moving parts. Excellent release agent. Will not gum or form unwanted residues, leaves a clear film that is moisture resistant, long-wearing, odorless, colorless, nontoxic and nonstaining. Will not melt, freeze or become rancid.

- Nontoxic
- Safe on plastics
- Nonstaining
- Colorless/Odorless
- Excellent Release Agent
- Flammable by Flame Extension Test

APPLICATIONS

Use on all food processing equipment where food contact may occur such as chutes, guides, conveyors, bottling machinery, slicers, ovens, freezers, knives, saws, etc.

JET-LUBE Food Grade Silicone

• **NSF (H-1) Registered**
For use in Federally
Inspected Meat and Poultry Plants

• **FDA Regulation CFR-21, Part 178.3570**
Incidental Food Contact

• **Authorized for use by Agriculture Canada**

• **Contains no 1:1:1 Trichloroethane, Freon TF**
or SARA Listed Ingredients

SERVICE RATING:

0°F (-17°C) to 350°F (177°C)

PRODUCT CHARACTERISTICS

Spray Pattern, from 12" distance	2"-6" cone
Propellant	Hydrocarbon
Solvent Type	Petroleum Distillates
Fluid	White Oil
Film Appearance	Clear, Colorless Fluid
Density (lb/gal)	6.3
Specific Gravity	.75
Flash Point (ASTM D-92) °F (°C)	-9 (-23)

PACKAGING

Code No.	Container Size	Container
50641	12 oz.	Aerosol

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada

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JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

I **Product Name:** **FOOD GRADE SILICONE** **Manufacturer/Supplier:** JET-LUBE, INC.
Chemical Family: Silicone fluid in solvent solution **Address:** 4849 Homestead Rd., Ste. #200
Use: General purpose lubrication, aerosol dispensed Houston, TX, 77028 USA **Phone:** 713-674-7617
Emergency Phone: 713-674-7617 **Fax:** 713-678-4604
Chemtrec 24 hours (USA): 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	63148629	3-6	UN	UN	UN
Petroleum Distillate	110-54-3	65-70	TWA 400 ppm	300 ppm	STEL: 400 ppm
Hydrocarbon Propellant	68476857	25	1000	1000	

III **Main Hazards—Health Effects**
Eyes: May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea.
Skin: For hypersensitive persons, may irritate the skin after prolonged periods of contact.

IV **Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

V **Extinguishing Media:** Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.
Protective Equipment for Fire fighting: Self-contained breathing apparatus.

VI **Personal Precautions:** Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains. **Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

VII **Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

VIII **Respiratory Protection:** None needed. **Hand Protection:** Protective gloves for hypersensitive persons. **Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Overalls.

IX **Physical State:** Fluid **Color:** Clear water white **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** 156 (69)
Melting Point °F (°C): N/A **Flash Point (TCC) °F (°C):** -9 (-23) **Propellant Flash Point °F (°C):** >-76 (-60) **Vapor Density:** >5
Autoignition Temperature °F (°C): >500 (260) **Explosive Properties:** LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01
Partition Coefficient (Log Pow): N/A **Vapor Pressure (kPa):** <0.01 **Percent Volatiles:** Nil **Density (g/cm³):** 10.15
Flammability: Flammable at ambient temperature. **OAR Value:** N/A **Oxidizing Properties:** None **Water Solubility:** Nil

X **Stability:** Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition & extreme temps. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon & nitrogen. Residue mainly comprised of soot & mineral oxides.

XI **Acute Toxicity:** Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.
Genotoxicity: None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No **OSHA:** No
EC Classification (67/548/EEC): No **Allergens:** None known. **LC-50:** >2000mg/l—extrapolated from component data. **LD-50:** N/A


XII **Possible Effects:** None **Behavior:** Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause notable contamination. Nontoxic to marine or land organisms.

XIII **Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. **Pails with plastic liner—**pail may only be disposed of via standard waste disposal services, recycled or reused. **Liner—**see Product Disposal section above.

XIV **D.O.T.:** Bulk Hazardous Aero Consumer Commodity ORM-D **UN No.:** Bulk UN 1208 Class 3 Pkg. II Aero UN1950 Div 2.1
Air Transport (ICAO & IATA): Bulk Nonhazardous Aero Hazardous—pressurized container **Sea Transport (IMO & IMDG):** Bulk Hazardous Aero UN1950, Class 2 **Road & Rail Transport (ADR/RID):** Bulk Nonhazardous Aero Aerosols, Class 2

XV **Labeling Information:** None needed **EC Annex 1 Classification:** N/A **R Phrases:** N/A **S Phrases:** Bulk N/A Aero S-3 keep away from ignition. **Ozone Depleting Chemicals:** N/A **TSCA:** All components are listed. **WHMIS (Canada):** Bulk Not controlled Aero Class A, B-5
Canadian DSL: All components listed. **40 CFR Part 372 (SARA Section 313):** N/A
CERCLA: Nonhazardous **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None **TSCA 12B Components:** None

XVI SDS first issued. SDS data revised. **New Jersey Right To Know:** See Section II

Signature: 
Prepared by: Donald A. Oldiges
Date Issued: December 13, 2005

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LEGEND	
I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	IX. PHYSICAL AND CHEMICAL PROPERTIES
II. COMPOSITION INFORMATION ON INGREDIENTS	X. STABILITY AND REACTIVITY
III. HAZARDS IDENTIFICATION	XI. TOXICOLOGICAL INFORMATION
IV. FIRST AID MEASURES	XII. ECOLOGICAL INFORMATION
V. FIRE FIGHTING MEASURES	XIII. WASTE DISPOSAL
VI. ACCIDENTAL RELEASE MEASURES	XIV. TRANSPORT INFORMATION
VII. HANDLING AND STORAGE	XV. REGULATORY INFORMATION
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION	XVI. OTHER INFORMATION

HMIS SYMBOL

HEALTH	0
FLAMMABILITY	4
REACTIVITY	0
PPI	N/A

NFPA SYMBOL

