



# FOOD GRADE SILICONE LUBRICANT

Food Grade Silicone Lubricant is a non-staining, high quality, lubricant designed especially for the food industry for use as an anti-stick agent for chutes and slides. Aerosol can features DETEX™ metal & x-ray detectable plastic components.



## FEATURES

- NSF® Certified: H1 Registration # 113815
- Meets FDA regulation for incidental food contact
- Provides excellent lubrication
- Ideal for releasing molded parts
- Dry film will not attract dust or dirt
- Metal & x-ray detectable plastic components (see back for more details)



## SPECIFICATIONS AND APPROVALS

- Meets FDA Regulation 21 C.F.R. 178.3570 for incidental food contact
- NSF® Certified: H1 Registration # 113815
- Acceptable for use in Canadian food processing establishments

## APPLICATIONS

- Castors
- Chutes
- Conveyors
- Food Racks
- Guards
- Guide Rails
- Plastic Gears
- Plastic Rollers
- Pins
- Rings
- Rubber Mountings
- Seals
- Slides

## PACKAGE SIZE

Net Contents

10 wt. oz. / 284 g / 454 mL

Part No.

01716



# FOOD GRADE SILICONE LUBRICANT

## PROPERTIES

Appearance	Liquid	Vapor pressure	352 mm Hg @ 38°C
Physical state	Gas	Vapor density	~3
Form	Aerosol	Solubility(ies)	Not soluble in water
Color	Clear, colorless	Auto-ignition temperature	582.4°F (306°C)
Odor	Mild, ether-like	Viscosity	<14 cSt @ 25°C
Initial boiling point and boiling range	141.8°F (61°C)	Heat of combustion	> 30 kJ/g
Flash point	<1.40 °F (-17.00°C) TCC	Percent volatile	96%
Evaporation rate	<1 BuAc	Specific gravity	0.64 – 0.66 @ 20°C
Flammability: lower upper	1% (estimated) 6% (estimated)	VOC (weight %)	96.1% per State and Federal Consumer Products Regulations

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE : [WWW.LPSLABS.COM](http://WWW.LPSLABS.COM)



Scan to see DETEX™ in action!



## METAL & X-RAY DETECTABLE PLASTIC AEROSOL COMPONENTS (PATENT PENDING)

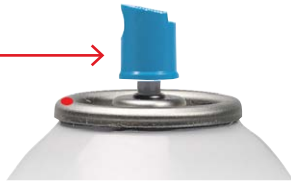
LPS® is a leading food-grade MRO chemical manufacturer that developed the innovative technology, DETEX™, to help reduce the risk of foreign object contamination during food and beverage processing. All DETEX™ components on LPS® food industry products are metal and x-ray detectable.

Universal blue color for all metal and x-ray detectable plastic components easily identifies them as a non-food object.

Cap →



Actuator →



### ADDITIONAL AEROSOL FEATURES:

- Certified food safe container
- Dual language labeling: English and Spanish
- 2-piece aerosol can; 10% – 15% lighter than a 3-piece aerosol can

FEATURES		BENEFITS
All plastic components are metal and x-ray detectable and are capable of detection by most metal detection equipment.		Reduce concerns of food product contamination and assist with HACCP requirements.
All DETEX™ plastic component ingredients are GRAS listed (Generally Recognized As Safe - FDA 21 C.F.R. Sections 177 and 178).		Meets FDA requirements as an acceptable material for use in food processing plants.
LPS® food safe maintenance chemicals have prominently displayed NSF® category labeling. This ensures only food safe products are used for maintenance during processing.		Distinct labeling helps to prevent use of non NSF® approved LPS® products in the food processing area.
Aerosol can is in compliance with the Food Safety Net Services (FSNS). FDA 21 C.F.R.175.300, 1935/2004/EC.		Aerosol can does not contain: Heavy metals, BADGE, BFDGE, NOGE, and Bisphenol-A (BPA).
COMPONENT	DRY MODE	WET MODE
Actuator	2.2 mm	2.5 mm
Cap	3.0 mm	> 3.0 mm

### NOTE

1. Detection limits for a particular machine depend on a variety of factors including line speed, contaminant placement and orientation, iron fortification (i.e.; flour), wet mode vs. dry mode, fragment size, aperture size, etc. It is the responsibility of the end-user to determine the detection limits of the appropriate DETEX™ component for the individual line set up and for the particular food product being inspected.
2. Metal and x-ray detection limits for plastic components (above) are based on whole components. Partial components may not be detectable due to detector limitations, partial component size, malfunctioning equipment and/or the type of food product undergoing processing.
3. LPS® Laboratories recommends that all components be tested prior to implementation (separately and included in the processed food product) and/or consult your specific metal detector equipment manufacturer directly.
4. Product shelf life, warranty, and material safety data sheets are available at [www.lpslabs.com](http://www.lpslabs.com). LPS® Laboratories is not responsible for use of this product inconsistent with its instructions and warnings.
5. LPS® Laboratories is not responsible for failure to detect components due to detector limitations and/or detector malfunctions. Refer to the metal detector manufacturer's design limitations, instructions, and warnings regarding the use, limitations, and proper maintenance of the equipment.