

Product Information

CASSIDA SILICONE FLUID SPRAY

Multi-purpose silicon fluid in aerosol spray can, for use on food & beverage processing equipment

CASSIDA SILICONE FLUID SPRAY is a fully synthetic, high performance multi-purpose fluid, which has been specially formulated to lubricate conveyors, slow rotating machinery, small slow speed bearings and pivot points in the food and beverage processing and packaging industry.

It is based on a careful blend of synthetic fluids and selected additives chosen for their ability to meet the stringent requirements of the food & beverage industry.

Registered by NSF (Class H1) for use where there is potential for incidental food contact. Product contains only substances permitted under US 21 CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.

Applications

- ◆ General maintenance lubricant
- ◆ Conveyor lubrication
- ◆ Slow rotating machinery and slow speed bearings
- ◆ Pivot points

Performance Features

- ◆ Thermal stability up to >200 °C
- ◆ Excellent adhesive properties minimize "fling-off" in use and wash-off by both cold and hot water
- ◆ Leaves a "dry" lubricating film
- ◆ Helps prevent rubber cracking and drying
- ◆ Displaces water
- ◆ Formulated for use on metal to non-metal or non-metal to non-metal contact surfaces

CASSIDA SILICONE FLUID SPRAY is also available in non-spray form. FLT product number 7605.

Seal & Paint Compatibility

Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

Solubility

CASSIDA SILICONE FLUID SPRAY is stable, does not emulsify with water, lower alcohols, glycols or glycerines. It is soluble in non-polar organic solvents such as ketones, ethers, esters and higher alcohols.

Specifications & Certificates

- ◆ NSF H1 registered
- ◆ Kosher certified
- ◆ Halal certified

Synthetic lubricant

- ◆ Does not contain natural products derived from animals or genetically modified organisms (GMO)
- ◆ Does not contain any allergenic or intolerance-inducing substances as specified in Annex IIIa of EC directive 2003/89/EC
- ◆ Suitable for use where vegetarian and 'nut-free' food is prepared

Biostatic; does not promote the growth of bacteria or fungal organisms

"Incidental Food contact"

Registered by NSF (Class H1) and meets the USDA H1 guidelines (1998) for lubricants for use where there is a potential for incidental food contact.

Made only from substances permitted under the US FDA Title 21 CFR 178.3570, 178.3620 and/or those generally regarded as safe (US 21 CFR 182) for use in food grade lubricants.

To comply with the requirements of US 21 CFR 178.3570, contact with food should be avoided where possible. In the case of incidental food contact, the concentration of this product in the food must not exceed 1 parts per million (1mg/kg of foodstuff).

In locations and/or applications where local legislation does not specify maximum concentration limits, it is recommended that this same 1 ppm limit be observed, as up to this concentration CASSIDA SILICONE FLUID SPRAY will not impart undesirable taste, odour or colour to food, nor will cause adverse health effects.

Consistent with good manufacturing practice, use only the amount necessary to achieve correct lubrication and take appropriate corrective action should excessive incidental contact with food be detected.

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Protect the environment

Take used lubricants and empty packs to an authorised collection point. Do not discharge into drains, soil or water.

Health & Safety

Based on information available, CASSIDA SILICONE FLUID SPRAY is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained. As for all oils, prolonged or repeated contact with the skin should be avoided.

For further information refer to the appropriate Material Safety Data Sheet.

Handling & storage

All food grade lubricants should be stored separately from other lubricants, chemical substances and food-stuffs and out of direct sunlight or other heat sources. Store between 0 °C and 30 °C. Provided that the product has been stored under these conditions we recommend that the product be used within 3 years from the date of manufacture.

Accept for use new CASSIDA SILICONE FLUID SPRAY only if the spray can is intact.

Before using the can ensure the area around the spray nozzle is clean.

Record the date the can was open. Upon opening a can, the product must be used within 2 years (or within 3 years of date of manufacture, whichever is the sooner)

Typical characteristics

CASSIDA SILICONE FLUID SPRAY

Property		Test method	
NSF Registration No.			144801
Colour			colourless
Density at 15 °C	kg/m ³	ISO 12185	970
Flashpoint	°C	ISO 2592	>300
Pourpoint	°C	ISO 3016	-50
Viscosity at 25 °C	mm ² /s	ISO 3104	1000
Viscosity at 40 °C	mm ² /s	ISO 3104	730
Classification ADR			see MSDS
UN-Number			see MSDS

These characteristics are typical of current production and related to the base material (which is ISO 21469 certified) before addition of solvent/propellant. Variations in these characteristics may occur.

Produced according to FLT Quality Standards, in facilities where HACCP audit and Good Manufacturing Practice have been implemented and form part of the quality and hygiene management systems ISO 9001 and ISO 21469.

As far as we know these information reflect the current state of knowledge and our research. They cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products are continually being up-dated. We reserve the right, therefore, to alter the information of this product information at any time and without prior announcement.

We are specialized in developing products for extreme tribological problems in cooperation with end users.
FUCHS LUBRITECH provides service and individual advice. Please contact us!
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