



FOODLUBE SUGAR DISSOLVING FLUID

LPS® FOODLUBE Sugar Dissolving Fluid is a food grade lubricating release agent that rapidly dissolves and removes sugars from application surfaces to ensure components remain fully operational. It leaves a light, durable film on the surface to protect against corrosion and resist further sugar build up.

FOODLUBE Sugar Dissolving Fluid is NSF® H1 registered for incidental contact with food making it ideal for use in food and beverage industries with stringent hygiene standards.



* Only applicable for trigger and 1 gal sizes



PACKAGE SIZES

Net Contents	Part No.
15 wt.oz. / 425 g/ 427 mL aerosol	57716
28 fl.oz (828 mL) trigger spray	57728
1 gal. (3.78 L)	57701

APPLICATIONS

- Animal feed sugar residue
- Chains on flow wrapping equipment
- Conveyors
- Cutters or blades
- Sugar build-up on fasteners
- Sugar packaging lines
- Sugar processing lines
- Weighting plates

FEATURES

- Rapidly dissolves and removes sugars and fondants from applications commonly found in food and beverage facilities.
- Leaves a light, durable lubricating film on the surface to prevent new accumulations of sugar.
- Provides short term corrosion protection on exposed metal surfaces.
- FOODLUBE Sugar Dissolving Fluid offers a wide temperature resistance of 41°F to 203°F (+5°C to +95°C).
- NSF® Registered H1.
- Metal & x-ray detectable plastic components (see back for more details)

SPECIFICATIONS AND APPROVALS

Approved/Qualified to:

- FOODLUBE Sugar Dissolving Fluid is manufactured from only FDA listed ingredients: FDA Group 21 CFR 178.3570
- NSF® H1 Registration # 147495 (aerosol)
- NSF® H1 Registration # 147492 (bulk)

PROPERTIES

Appearance/Physical State	Liquid
Odor	Mild
Specific Gravity (water=1)	1.00 - 1.10 @ 20°C
VOC Content	Aerosol: 4% Bulk: Not Applicable
Color	Colorless
Flash Point °F (°C)	Aerosol: -118°C (-180°F) TCC propellant Bulk: >302°F (> 150°C)
Chemical Base	Water/Polymer Solution
pH	9.0 - 10.0

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE : WWW.LPSLABS.COM



METAL & X-RAY DETECTABLE PLASTIC 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.

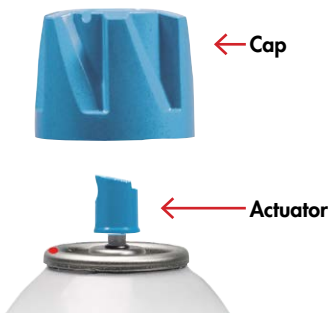


Scan to see DETEX™ in action!

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).

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

AEROSOL



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

COMPONENT	DRY MODE	WET MODE
Actuator	2.2 mm	2.5 mm
Cap	3.0 mm	> 3.0 mm

GALLON CAP



ADDITIONAL GALLON CAP FEATURES:

- Metal detectable dual language labeling on container: English and Spanish
- Label adhesive compliant with FDA 175.105

COMPONENT	DRY MODE	WET MODE
Cap + Metal Liner	> 3.0 mm	> 3.0 mm
Cap Only	> 3.0 mm	> 3.0 mm
Liner Only	> 3.0 mm	> 3.0 mm

TRIGGER SPRAYER



ADDITIONAL TRIGGER SPRAYER FEATURES:

- Adjustable spray stream to ensure proper application
- Ergonomic, 3 finger trigger to reduce finger fatigue
- Chemically resistant trigger
- Metal detectable dual language label on container: English and Spanish
- Label adhesive compliant with FDA 175.105

COMPONENT	DRY MODE	WET MODE
Whole Sprayer *	> 3.0 mm	> 3.0 mm
Body	> 3.0 mm	> 3.0 mm
Trigger	> 3.0 mm	> 3.0 mm
Closure	> 3.0 mm	> 3.0 mm
Metal Pin	2.5 mm	> 3.0 mm
Nozzle	2.5 mm	> 3.0 mm
Piston	2.0 mm	2.5 mm

* Internal trigger components are not manufactured with DETEX™ technology and may not be metal or x-ray detectable.

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. 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.

LPS® Laboratories • An Illinois Tool Works Company

4647 Hugh Howell Road • Tucker, GA 30084 • TEL: (800) 241-8334 or (770) 243-8800 • FAX: (800) 543-1563 or (770) 243-8899

Internet Web Site: www.lpslabs.com

©2013 LPS® Laboratories • LPS® and DETEX™ are registered trademarks of Illinois Tool Works • Printed in U.S.A. • All Rights Reserved • Form #TDS_57716 • Rev. 7/2013