



Nonfood Compounds
Program Listed H1
Registration No. 123546

Foodtec SAS 100

Lubricating Oil Spray H1
Art. 681

Description: Foodtec SAS 100 is a synthetic universal chain and adhesive oil spray. It was developed especially for use in the food, feed and pharmaceutical industries and their suppliers.

Range of application: Foodtec SAS 100 is ideally suited for lubricating transport and drive chains, sliding bearings, sliding surfaces, sliding guides, linear guide systems, hinges, wire ropes and other open lubrication points.

Product properties

- Lubricant according to FDA regulation 21 CFR 178.3570, NSF H1 registered, odourless and tasteless
- Pronounced high-pressure (EP) properties
- Good adhesive lubricating film
- High protection against wear and corrosion
- Very good creeping properties
- Wide temperature range and high productivity
- Free of vegetable and animal esters
- Free of solvents and mineral oils. Free from genetically modified organisms (GVO)

Benefits

- A high level of safety is provided with regard to the contamination of the manufacturing goods. Facilitates compliance with the provisions of the German Foodstuffs and Utility Articles Ordinance (LGV). Supports the duty of care and compliance with the quality management according to DIN EN ISO 9001
- Protection even under high loads
- Remains at the lubrication point even with turning and rotating parts
- Reduces wear and protects against corrosion at the same time
- Rapidly penetrates to bolts and joints
- After evaporation of the propellant gas, temperature peaks up to +200 °C are possible
- High hydrolysis resistance and thus reduced formation of deposits and precipitates
- Conforms to the latest health findings in lubrication technology in the food, feed and pharmaceutical industries and their suppliers

Application: The food-relevant requirements according to FDA regulation 21 CFR 178.3570, NSF H1 are only achieved with unmixed Foodtec SAS 100.
Significance of NSF H1: Lubricants approved for accidental contact with food, feed and pharmaceutical products.

Physical-chemical data: see overleaf

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Physical-chemical data:

Characters	Unit	Parameter	Test methods
Thermal application range:	°C	-30 to + 200	
Colour:	–	colourlessly	
Odour:	–	mild	
Density at 20 °C (active substance):	g/ml	0.83	DIN 51757
Kinematic viscosity at 40 °C (base oil):	mm ² /s	100	DIN 51659-2
Flash point (active ingredient):	°C	235	ISO 2592

Suitability:	Solid additives:	none
	Protection against corrosion:	••
	Adherence:	••
	Penetration capability:	•••
	Creeping properties:	•••
	Durability:	•••
	Lubricating effect:	•••

Constancy:	Cold water:	••
	Warm water:	••
	Hot steam:	••
	Alkaline solution:	••
	Acid solution:	••

••• very well suited •• well suited • suitable, clarification needed

- Application:**
- Shake the spray can vigorously at room temperature for 2 minutes before use and spray from a distance of approx. 20 to 30 cm on a clean and dry surface.
 - Regular relubrication extends the service life of the machine parts
 - We recommend to check compatibility with painted and coated surfaces, plastics and rubber to be tested before use
 - Do not spray against flame or glowing object
 - Keep ignition sources away – do not smoke

- Storage:**
- Container is under pressure. Protect from sunlight and temperatures above 50 °C
 - Do not open or burn by force, even after use

Safety and environmental aspects:

Propellant:	Propane/Butane
ADR/RID:	UN 1950
Precautionary measure:	The product must not enter into waste water, ground water or surface water. Danger to drinking water even when small quantities leak out into the ground.
Water hazard class:	Clearly harmful to water (WGK 2)
EC-waste code:	16 05 05
Classification and labeling:	see safety data sheet



Container size: Spray: 500 ml

These specifications are subject to frequent updating, and changes are therefore reserved. The data given on this sheet are based on properties and application possibilities as known to us. No general legal liability can be derived from these data. Blaser Swissslube AG cannot be held liable for any damages resulting from the improper use of its products.

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