



Technical Data Sheet

FOOD PASTE

H1 - high temperature paste

Description

FOOD PASTE is a whitish H1 high-temperature paste for the food and pharmaceutical industries.

Use / application

FOOD PASTE is used as assembly and lubrication paste for bolts, bushings, pins, flanges and spindles, as well as for other sliding surfaces in screwed and plug-in connections, guides, hinges and rollers. FOOD PASTE is also suitable for the sliding surfaces of household appliances, computers, optical instruments and paper machines. Apply FOOD PASTE with a brush or leather cloth.

Properties

- Registered H1
- Respects Kosher and Halal specifications in formulation and production
- Resistance to high pressures
- Free of metals
- Lubricates even at high temperatures
- Prevents scoring
- Compatible with elastomers
- Excellent anti-corrosion properties

Technical Data

Base oil type	semisynthetic		
Thickener	inorganic		
NLGI consistency class	2		
Working temperature	°C	-30/+1200	
Working temperature	°C	>200/+1200 (dry)	
Color	white		
Density at 20°C	ASTM D4052	g/cm ³	ca.1.1
Four-ball test (welding load)	ASTM D2596	N	3600
Four-ball test (wear scar diameter)	ASTM D2266	mm	0.9 (1500N/1min)
Four-ball test (wear scar diameter)	ASTM D2266	mm	0.5 (400N/1h)
Worked penetration	ISO 2137	1/10 mm	265/295



Nonfood Compounds

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Registration may be verified at
nsfwhitebook.org



Samuel Cole
NSF Nonfood Compounds
Registration Program
Company No: N11242

Certificate of Registration

Nils Spa/AG has achieved Registration status for FOOD PASTE to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2022) .

FOOD PASTE

Category Code: H1

NSF Registration No. 168805

This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

Registration of this product is current when the NSF Registration Mark and Category Code appear on the product label reviewed by NSF, and the Registered product name is in the NSF White Book™ (www.nsfwhitebook.org).

Listing of all registered nonfood compounds by NSF International is not an endorsement of those compounds or of any performance or efficacy claims made by the manufacturer.