



# SPANJAARD FOOD GRADE RANGE



Spanjaard Limited's NSF International certified range of Food Grade products are specially formulated to meet the international food health and safety requirements of the food and beverage processing industry. Spanjaard understands that food and beverage processing plants are running faster and harder today than ever before. In order to take proactive steps towards an efficient, safe and hygienic processing facility, it is important to select premium quality food grade lubricants.

Bakeries, canning facilities, bottling facilities, packaging facilities as well as meat, poultry and many other food processing plants require lubricants that are essential to the optimal

performance of many moving parts, such as: mixers, pumps, ovens, grinders, motors, pneumatic tools, conveyor belts, compressors, hydraulic systems and other equipment and machinery that are in constant use. These products can also be used in pharmaceutical production facilities and other cleanroom environments.

Spanjaard Limited's Food Grade product range adheres to the most stringent international food safety standards as set out by NSF International while delivering quality, reliability and performance.





## About NSF International

NSF International (formerly the National Sanitation Foundation) develops public health standards and certification programmes that help protect the world's food, water, consumer products and environment worldwide. As an independent, accredited organisation, the NSF mark is your assurance that the product has been evaluated and approved by one of the most respected independent certification organisations in existence today. It is valued by consumers, manufacturers, retailers and regulatory agencies globally. The NSF certification mark on a product guarantees compliance with internationally recognised accreditation programmes.



NSF International is accredited by the American National Standards Institute (ANSI) to certify supplier compliance to US food safety regulations under the FDA's Accredited Third-Party Certification programme.

The NSF Nonfood Compounds Registration Programme was launched in 1999 and is a continuation of the US Department of Agriculture (USDA) product approval and listing programme, which is based on meeting regulatory requirements including the Food and Drug Administration (FDA) 21 CFR (Code of Federal Regulations Title 21) for appropriate use,

ingredients and labelling review. Registered NSF Nonfood Compounds and proprietary substances also assist manufacturers to comply with the most stringent standards of safety and Hazard Analysis and Critical Control Point (HACCP) requirements.

Spanjaard's Food Grade range of products are registered NSF Nonfood Compounds and are included in the NSF White Book™.

### NSF-H1 Certified Lubricants

The majority of Spanjaard's Food Grade lubricants are NSF-H1 certified. The NSF-H1 certification applies to circumstances where general incidental food contact may occur and these products are acceptable for use in and around food processing areas. The amount used should be the minimum required to accomplish the required technical effect on the equipment to be treated.

Spanjaard's range of NSF-H1 certified Food Grade lubricants include:

- Belt Dressing 400ml aerosol
- FMG-X Grease Spray 400ml aerosol
- FMG-X Grease 400g cartridge
- FMG-X Grease 500g tin
- HTS Silicone Grease 500g tin
- Silicone Paste 500g tin
- Silicone Spray 400ml aerosol
- Spark 400ml aerosol
- Synthetic Chain Lube HT 400ml aerosol
- Synthetic Chain Lube WR 400ml aerosol

### NSF-H2 Certified Products

The NSF-H2 certification applies to products used on equipment and machinery in locations where there is no possibility of the lubricant or lubricated parts contacting edible products.

Spanjaard's range of NSF-H2 certified Food Grade lubricants include:

- Belt Dressing 400ml aerosol
- FMG-X Grease Spray 400ml aerosol

### NSF-K2 Certified Products

NSF-K2 certified products are acceptable for use as a solvent for cleaning electronic instruments and devices which will not tolerate aqueous cleaning solutions in and around food processing areas, where it is not intended for direct food contact. Before using these products, food products and packaging materials must be removed from the area or carefully protected. These products must be used in a manner so that all odours associated with these products are dissipated before food products or packaging materials are re-exposed to the area.

Spanjaard's NSF-K2 registered product is Lectro Kleen K2 which is a non-flammable aerosol precision contact cleaner that provides a convenient method of cleaning electronic and electrical equipment.





**FOOD GRADE**  
**BELT DRESSING**

Spanjaard Belt Dressing (Food Grade) is a tacky anti-slip formulation which adheres to all belt materials increasing traction and reducing slippage on all types and shapes of belts. The product is not soluble in water making it suitable for use in wet or damp environments.

Spanjaard Belt Dressing (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the aerosol is registered with the NSF as a category H1 and H2 lubricant. The product may also be used

in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

**Applications:**

- Increasing traction on loose belts.
- Reduction of belt slippage.
- Prevention of belt squeal caused by slipping belts.
- 360° Spray Action for convenient application.

**Directions for use:** Shake well before use. Spray liberally onto the inside and outside of the belt whilst running. Reapply as required.

Appearance	colourless, tacky
Density, 25 °C (ASTM D792)	0,75 g/ml
Working Temperature, °C	-20 °C to 110 °C

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 50310404) (2 x 6 Shrink Packs/Carton).



**FOOD GRADE**  
**FMG-X**

Spanjaard FMG-X White Multi-Purpose Grease Spray (Food Grade) is a premium quality water-resistant sprayable grease containing polymer additives and is ideal for light to medium duty general purpose lubrication applications.

Spanjaard FMG-X White Multi-Purpose Grease Spray (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the aerosol is registered with the NSF as a category H1 and H2 lubricant. The product may also be used in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

**Applications:**

Convenient aerosol application for use on slides, guides, chains, linkages and other hard-to-reach areas. Protection against metal-to-metal contact giving longer machine life and greater productivity. Excellent anti-corrosion and adhesion properties inhibits metal rusting under humid conditions.

**Directions for use:** Shake well before use. Spray liberally onto areas to be treated. Wipe away any excess with a cloth. Reapply as required.

Appearance	Soft, white, tacky grease
Thickener	Bentonite
Working Temperature, °C	-20 °C to 160 °C
Drop Point, °C	No drop point
Rust Test, D1743	Pass

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 51181400) (2 x 6 Shrink Packs/Carton).



## FOOD GRADE FMG-X

Spanjaard FMG-X White Multi-Purpose Grease (Food Grade) is a white, high-performance, multi-purpose grease, suitable for use in extreme pressure and high temperature environments where incidental food contact may occur. Polymer additives confer water resistant properties. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the product is registered with the NSF as a category H1 lubricant. It may also be used in packaging, pharmaceutical and other cleanroom environments. Halaal and Kosher certified.

**Applications:** Spanjaard FMG-X White Multi-Purpose Grease (Food Grade) is recommended for the general lubrication of equipment in food and beverage processing plants, including bushes, bearings and other machine parts. Although designed for incidental food contact applications, the excellent lubricating properties allow use in a variety of other applications, allowing rationalisation of lubricants. Provides very good water resistance properties which protect equipment against rusting especially in humid seasonally in-operative plants. Anti-wear additives protect against metal-to-metal contact giving longer machine life and greater productivity.

**Directions for use:** Apply by hand or grease gun. If replacing a non bentonite-thickened grease, flush out old grease completely when switching lubricants. This is achieved by frequent re-greasing over a short time span.

NLGI Consistency	1.5
Worked Penetration, 25 °C, 1/10mm	285 - 325
Colour	White
Thickener	Bentonite
Working Temperature, °C	-20 °C to 160 °C
Drop Point, °C	No drop point
Rust Test, D1743	Pass
Copper corrosion	1b
4-Ball Weld Load (kgf)	500kgf
Oil Separation (1000C, 30hrs),%	3%

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400g Cartridge (Product Code: 51180400) (2 x 6 Shrink Packs/Carton). 500g Tin (Product Code: 51170500) (12 x Tins/Carton).



## FOOD GRADE HTS SILICONE GREASE

FOOD & BEVERAGE • PACKAGING • PHARMACEUTICAL

Spanjaard HTS Silicone Grease (Food Grade) is an inorganically-thickened, silicone lubricant, suitable for use in both low and high temperature environments. Spanjaard HTS Silicone Grease is water-resistant, chemically inert, has excellent insulating properties and has a long lifespan under conditions where conventional greases cannot be used. Spanjaard HTS Silicone Grease (Food Grade) is odourless, tasteless, non-conductive and non-staining.

Spanjaard HTS Silicone Grease (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the product is registered with the NSF as a category H1 lubricant. The product may also be used in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

**Applications:**

- Lubricant: Lubrication of rubber and plastic components including O-rings, gaskets, valves and seals as well as surfaces that require good lubrication properties over extended periods without drying out.
- Excellent assembly lubricant where elastomers and plastic materials move against metal.
- Lubrication of plastic gears and mechanisms.

**Water & Corrosion Resistance:** Seals electrical equipment against the ingress of moisture, and protects metal parts against corrosion e.g.:

- Seals outdoor electrical fittings.
- Protects chrome plating.
- Seals screw threads and battery terminals.

**Insulating Compound:** Non-conductive and prevents electrical leakage and short circuiting e.g.:

- Sealing and potting of electrical and electronic components.
- Prevents tracking on insulators.
- Protects automobile ignition systems.
- Prevents ionisation and sparking on electrical equipment.

**Releasing Agent:** Acts as a release agent in the rubber & plastics industries including:

- As a release agent for polystyrene, PVC, phenolic and other resins.
- For prevention of component binding when coiled insulation varnish is cured at high temperatures.
- As a mould release for rubber as well as a lubricant and preservative.
- Prevention of resin build-up when epoxy and other glues are used.
- Prevention of icing up in freezers.

**Directions for use:** Apply by hand or grease gun.

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 500g Tin (Product Code: 51520501) (12 x Tins/Carton).

Consistency - NLGI grade	2
Worked Penetration, 25°C , 1/10mm	275
Colour	White translucent
Thickener	Silica
Drop Point, °C	No Drop Point
Evaporation Loss 30hrs @ 200°C ,%	2.0
Cold Temperature Stability (-50°C)	Conforms
Dynamic Rust Test	<1
Copper Corrosion - 24hr/100°C	Pass
Oil Separation 30h @ 200°C ,%	4.0
Water Wash Out @ 93°C ,%	1
Timken OK Load, kg	1
Oxidation Resistance, D942,%	1
Dielectric strength, kV/mm	15
Working Temperature, °C	-40 °C to 200 °C



NON-FLAMMABLE  
**LECTRO  
KLEEN  
K2**

Spanjaard Lectro Kleen K2 is a non-flammable precision contact cleaner that provides a safe and convenient method of cleaning electronic and electrical equipment.

**Applications:**

Spanjaard Lectro Kleen K2 is formulated for use as a solvent for cleaning electronic instruments and devices in and around food processing areas, where its use is not intended for direct food contact. The aerosol is registered with the NSF as a category K2 solvent cleaner. The product is Halaal and Kosher certified.

To function efficiently, electronic equipment must be absolutely clean. The presence of minute amounts of contamination on switches, controls, relays, etc., causes a build up of resistance, which interferes with the flow of current.

Spanjaard Lectro Kleen K2 with selected solvents of the highest purity, is especially suited for cleaning electric/electronic components.

Common uses include removing grease, dirt and grime from:

- Electronics: Control panels, circuit boards, relays.
- Electrical: Switches, electro-mechanical devices, appliances, computers.
- Telecommunications: TV, transceivers, connectors.
- Avionics: Radar, navigational equipment.

**Caution:** Given the enormous range of plastics and elastomer/plastic, compatibility tests should always be done to check compatibility before use.

ABS, Polystyrene, Polymethyl methacrylate (PMMA) and some nylons are not compatible with Spanjaard Lectro Kleen K2.

**Features:** Spanjaard Lectro Kleen K2 is non-flammable, non-toxic, non-conductive and can be sprayed onto live equipment. Evaporates rapidly without leaving any film or residue. Reduces costs as components can be cleaned in situ without prior dismantling and also eliminates damage due to hand cleaning.

**Directions for use:** Remove food products and packaging from the area or carefully protect them before using this product. Allow odours to dissipate before re-exposing food products and packaging materials.

Spray components to be cleaned directly with Spanjaard Lectro-Kleen K2. The solvent dissolves grease and loosens dirt, which is then flushed away by the spray. The extension nozzle allows the spray to be directed exactly to where it is needed, eliminating excessive waste. Reapply as required.

Appearance	clear
Density	1,29 g/ml
Flash point, °C	none

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400g Non-flammable aerosol (Product Code: 52340402) (2 x 6 Shrink Packs/Carton).



**FOOD GRADE**  
**SILICONE  
PASTE**  
FOOD & BEVERAGE • PACKAGING • PHARMACEUTICAL

Spanjaard Silicone Paste (Food Grade) is a highly effective non-conductive, water-resistant, colourless, non-staining, non-drying silicone lubricant and protector.

**Applications:**

Spanjaard Silicone Paste (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the product is registered with the NSF as a category H1 lubricant. The product may also be used in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

- Multi-purpose silicone-based paste, excellent for lubricating plastic gears, mechanisms, slides, rails, O-rings, seals, valves and gaskets.

- High performance lubricant, protector and enhancer of most rubber and plastic components.

- Keeps freezer, cold room and refrigerator door seals soft and flexible, ensuring excellent sealing when shut, extending door seal life and reducing refrigeration energy loss.

- Plastics mould release agent suitable for polystyrene and other resins in the manufacture of plastic food and pharmaceutical packaging.

- Electrical insulating compound: highly water / moisture-displacing and electrically non-conductive, ideally suited to protect electric circuits from water / moisture ingress such as electric motors at risk of water damage due to plant washing during and between work shifts.

**Directions for use:** Apply by hand or grease gun.

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 500g Tin (Product Code: 53740501) (12 x Tins/Carton).

Consistency - NLGI grade	3
Worked Penetration, 25°C, 1/10mm	220
Colour	White translucent
Thickener	Silica
Drop Point, °C	No Drop Point
Evaporation Loss 30hrs @ 175°C,%	1
Dynamic Rust Test	<1
Copper Corrosion - 24hr/100°C	Pass
Oil Bleed 30h @ 175°C,%	0,2
Water Wash Out @ 93°C,%	1
Timken OK Load, kg	1
Oxidation Resistance, D942,%	1
Dielectric strength, kV/mm	15
Working Temperature, °C	-40 °C to 200 °C



Spanjaard Silicone Spray (Food Grade) is a highly effective silicone fluid in aerosol form.

**Applications:**

Spanjaard Silicone Spray (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the product is registered with the NSF as a category H1 lubricant. The product may also be used in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

- Water-resistant, colourless and non-staining multi-purpose silicone-based spray, excellent for lubricating plastic gears, mechanisms, slides, rails, O-rings, seals, valves, gaskets, locks, latches, hinges and chains.
- High performance lubricant, protector and enhancer of most rubber and plastic components.
- Keeps freezer, cold room and refrigerator door seals soft and flexible, ensuring excellent sealing when shut, extending door seal life and reducing refrigeration energy loss.

- Keeps conveyors and chutes free from greases and stickiness and reduces friction.
- Plastics mould release agent suitable for polystyrene and other resins in the manufacture of plastic food and pharmaceutical packaging.
- When sprayed in ovens and on utensils, it allows for easier cleaning.

**Directions for use:** Shake well before use. Spray liberally onto areas to be treated. Wipe away any excess with a cloth. Reapply as required.

**Typical Properties:**

Colour	Clear, colourless
Viscosity, cSt, 25°C (Brookfield)	500
Flash Point, °C (ASTM D56)	315
Pour Point, °C	-50
Density, g/cm3 (ASTM D792)	0,97
Thermal Conductivity, WK <sup>-1</sup> m <sup>-1</sup> (ASTM D2717)	0.15
Volatility, % (230°C for 2h)	<2,0
Refractive Index (ASTM 1218)	1,4035
Dielectric Const, 25°C/100hz	2,74
Surface Tension at 25°C, mNm <sup>-1</sup>	21,1
Working Temperature, °C	-40 °C to 200 °C

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 53750405) (2 x 6 Shrink Packs/Carton).



Spanjaard Spark (Food Grade) is a multi-purpose spray for use as a water displacing, penetrating, lubricating, cleaning and corrosion preventive fluid.

**Applications:**

Spanjaard Spark (Food Grade) is formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and the product is registered with the NSF as a category H1 lubricant. Spanjaard Spark (Food Grade) may also be used in packaging, pharmaceutical and other cleanroom environments.

- Water and moisture displacer: helps prevent electrical malfunctions caused by moisture ingress, condensation and humid environments - especially applicable to electric motors in the food & beverage industry subjected to water washing during and between work shifts.

- Protects all metals against corrosion and cleans light soils.
- Lubricates moving parts including chains, gears, hinges, locks and latches.
- Penetrates and releases to free tight or seized nuts, bolts, locks and linkages.

**Directions for use:** Spray liberally onto areas to be treated. Wipe away any excess with a cloth. Reapply as required

Colour	Light brown
Density, 25°C (ASTM D792)	0,76
Working Temperature, °C	-20 °C to 110 °C
Flash point, aerosol (°C)	-60
Humidity Cabinet (ASTM B-117), % rust	<1%

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 53780400) (2 x 6 Shrink Packs/Carton).



**FOOD GRADE**  
**SYNTHETIC CHAIN LUBE HT**

Spanjaard Synthetic Chain Lube HT (Food Grade) is a synthetic ester based lubricant for lubrication and protection of chain systems, specifically where food safety is a concern. The advanced thermally-stable additive system minimizes friction and wear at high temperatures and also protects the oil against thermal degradation.

**Applications:**

Spanjaard Synthetic Chain Lube HT (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and is registered with the NSF as a category H1 lubricant. Spanjaard Synthetic Chain Lube HT (Food Grade) may also be used in packaging, pharmaceutical and other cleanroom environments. The product is Halaal and Kosher certified.

- High thermo-oxidative stability reduces build-up of carbon deposits.
- Suitable for use on most types of oven chain systems.

- Ideally suited for use on bakery oven chains and applications where chains are subjected to high temperatures of up to 280°C.
- Formulated to keep chain and drive systems operating smoothly.
- Reduces friction and prevents corrosion.
- 360° valve technology allows spraying at all angles including upside down.

**Directions for use:** Shake well before use. Clean area to be sprayed of all dirt and contaminants before use. Apply in short bursts from a distance of 15-25cm away onto the area to be treated. Wipe away any excess with a cloth. Reapply as required.

Colour	Clear yellow to orange
Density, g/cm <sup>3</sup>	0,97
Kinematic viscosity (40°C), cSt	220
Working Temperature, °C	-20 °C to 280 °C
Flash point, °C	none

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 50500200) (2 x 6 Shrink Packs/Carton).



**FOOD GRADE**  
**SYNTHETIC CHAIN LUBE WR**

Spanjaard Synthetic Chain Lube WR (Food Grade) is a PAG-based chain lubricant for lubrication and protection of chain systems, specifically where food safety is a concern. The water-resistant formulation provides an adhesive, long-lasting protective lubricant film. Ideally suited for use on food conveyors where frequent wash downs may be required as well as applications where chains are subjected to wet conditions.

**Applications:**

Spanjaard Synthetic Chain Lube WR (Food Grade) is specifically formulated for use in the food processing industry where incidental food contact may occur. All raw materials used in the manufacture of the product comply with FDA section 21 CFR 178.3570. and is registered with the NSF as a category H1 lubricant. Spanjaard Synthetic Chain Lube WR (Food Grade) may also be used in packaging, pharmaceutical and other

cleanroom environments. The product is Halaal and Kosher certified.

- Excellent anti-wear, extreme-pressure and anti-corrosion properties.
- Water-resistant formulation for use in wet/damp conditions.
- Formulated to keep chain and drive systems operating smoothly.
- 360° valve technology allows spraying at all angles including upside down.

**Directions for use:** Shake well before use. Clean area to be sprayed of all dirt and contaminants before use. Apply in short bursts from a distance of 15-25cm away onto the area to be treated. Wipe away any excess with a cloth. Reapply as required.

Colour	Colourless to pale yellow
Density, g/cm <sup>3</sup>	0,94
Base Fluid viscosity (40°C), cSt	220
Working Temperature, °C	-20 °C to 180 °C

**Health and Safety:** The product Material Safety Data Sheet is available upon request and must be read and understood before use.

**Packaging:** 400ml aerosol (Product Code: 50500201) (2 x 6 Shrink Packs/Carton).

**FOOD GRADE**

**SPANJAARD**

Product	Name	Article No.	Units/shrink/shrinks/carton	NSF-H1	NSF-H2	NSF-K2	Halaal	Kosher
	<b>FOOD GRADE</b> <b>BELT DRESSING</b>	50310404	2 x 6 Shrink Packs/ Carton					
	<b>FOOD GRADE</b> <b>FMG-X</b>	51181400	2 x 6 Shrink Packs/ Carton					
	<b>FOOD GRADE</b> <b>FMG-X</b>	51180400	2 x 6 Shrink Packs/ Carton					
	<b>FOOD GRADE</b> <b>FMG-X</b>	51170500	12 x Tins/Carton					
	<b>FOOD GRADE</b> <b>HTS SILICONE GREASE</b>	51520501	12 x Tins/Carton					
	<b>NON-FLAMMABLE</b> <b>LECTRO KLEEN K2</b>	52340402	2 x 6 Shrink Packs/Carton					
	<b>FOOD GRADE</b> <b>SILICONE PASTE</b>	53740501	12 x Tins/Carton					
	<b>FOOD GRADE</b> <b>SILICONE SPRAY</b>	53750405	2 x 6 Shrink Packs/Carton					
	<b>FOOD GRADE</b> <b>spark</b>	53780400	2 x 6 Shrink Packs/Carton					
	<b>FOOD GRADE</b> <b>SYNTHETIC CHAIN LUBE HT</b>	50500200	2 x 6 Shrink Packs/Carton					
	<b>FOOD GRADE</b> <b>SYNTHETIC CHAIN LUBE WR</b>	50500201	2 x 6 Shrink Packs/Carton					

**WHEN ONLY THE BEST IS GOOD ENOUGH®**

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