



FOOD SAFE THROUGH THE LINE







CRC, one of the world's leading manufacturers of maintenance chemical products for over 55 years, has made a commitment to provide the best solutions for our customers. **CRC** can help meet the challenges of today's highly regulated environment by offering a full line of specialty chemical products custom-matched to meet every application need.

CRC always has the right solution for our customer's MRO challenges because we offer a broad range of products. We have over 800 SKUs in product categories including Precision Cleaners, Degreasers, Lubricants, Corrosion Inhibitors and Sealants. Again and again, more professionals look to **CRC** for quality products and innovative solutions.

CRC is the only company in the industry to offer the S.D.[L.][®] – a Safety Data Sheet printed on the reverse side of the product label. Of course, the information that starts with our label never stops. Just call our toll-free technical service line (800) 521-3168 or visit our website, www.crcindustries. com, for more product information and training.

The quality of our information is matched by the quality of our products. As an ISO-9001:2008 certified manufacturer, **CRC** places strict controls on every step of our product development and manufacturing process; starting with the finest raw materials and continuing with our consistent, guality manufacturing techniques. Becoming certified to ISO standards is not a requirement, but meeting ISO standards and continually gaining re-certification is an excellent example of our commitment to quality and consistency.

CRC has grown by addressing the needs of our customers, and our commitment to innovation and quality service will allow us to continue to be the one you call when you want the best. This Product Guide offers a look at guality products and problem solving programs offered by **CRC**.

NSF

Food Grade

icante para Cadenas

^{de} Grado Alimenticio

12 oz. /











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NSF® CATEGORY CODES

NSF EXPLAINED

NSF is an abbreviation for the National Sanitation Foundation, which was founded in 1944 as a not-forprofit, non-governmental organisation. NSF international is a global provider of public health and safety risk management solutions to companies, governments and consumers. In 1999, it launched its voluntary Non-food Compounds Registration Programme to re-introduce the previous authorisation programme administered by the U.S. Department of Agriculture (USDA). Product evaluation is based on formulation and label review and products which comply with the relevant regulations and guidelines receive a Letter of Authorisation and are included in the 'NSF White Book™ Listing of Proprietary Substances and Non-food Compounds'.



Acceptable as a lubricant with incidental food contact 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.



Acceptable as a lubricant where there is no possibility of food contact in and around food processing areas. Such compounds may be used as lubricants, release agents, or anti-rust films on equipment and machine parts in locations in which there is no possibility of the lubricant or lubricated part contacting edible products.



Acceptable This product is acceptable for use as a release agent (3H) on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces in contact with meat and poultry foods to prevent food from adhering during processing. This product is also acceptable as a

lubricant with incidental food contact (H1) for use in and around food processing areas.



Acceptable for use as a general cleaner on all surfaces in and around food processing areas, where its use is not intended for direct food contact. All food products and packaging materials

must be removed or protected prior to product use. After use of this product, surfaces should be rinsed with potable water. The cleaner should not exhibit a noticeable odour nor leave a visible residue.



Acceptable for use in inedible product processing areas, nonprocessing areas, and/or exterior areas of food processing establishments provided that it is not used to mask odours resulting from unsanitary conditions, and that any characteristic odour or

fragrance does not penetrate into an edible product area. When used on equipment that will be returned to a food processing area, the product must be completely washed off and rinsed with potable water before returning to the processing area.



Acceptable for use as a hand cream, lotion or cleaner in nonprocessing areas. The use of such products is limited to toilets. dressing rooms and other non-processing areas.



Acceptable for use as a cleaner and degreaser for use in non food processing areas, which are used to remove oil, wax, resinous materials, or other substances not removable by using acidic or

alkaline cleaning agents. Their use is limited to non-processing areas where there is no possibility of solvent vapours entering a processing area. Food processing equipment or utensils treated with such preparations must be washed with an acceptable detergent solution and thoroughly rinsed with potable water before returning to a processing area.



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 its use is not intended for

direct food contact. Before using this compound, food products and packaging materials must be removed from the area or carefully protected. This compound must be used in a manner so that all odours associated with the compound are dissipated before food products or packaging materials are re-exposed in the area.



Acceptable for use as an adhesive or glue remover, for removing adhesive or glue from food packaging materials in and around food processing areas, where its use is not intended for direct food contact. Before using this compound, food products and packaging materials must be removed from the area or carefully protected. After using these compounds, all surfaces must be thoroughly washed with an acceptable detergent solution and rinsed with potable water. This compound must be used in a manner so that all odours associated with the compound are dissipated before food products or packaging materials are re-exposed in the area.



Acceptable for use as a mold release agent on molds that are used to produce packaging materials that will contact food to prevent the finished product from adhering to the mold. The amount used on the equipment should be the minimum required to accomplish



the effect.

Acceptable for use as a TFT, LCD and plasma screen cleaner (P1), in and around food processing areas. The product must only be used in such a manner as to ensure it will have neither direct nor indirect contact with food or potable water.



Acceptable for use as a coating where there is no possibility of food contact such as floors, walls, and ceilings.



Acceptable as a sealant for all food contact types with a maximum temperature use of 204°C, used in the manufacture of commercial food service equipment and its components.

HACCP

HACCP (Hazard Analysis Critical Control Point) is the systematic preventative approach to food safety that helps food business operators look at how they handle food and introduces procedures to make sure the food produced is safe to eat. It addresses physical, chemical and biological hazards as a means of prevention rather than finished product inspection. Retailers, the food industry and Government in particular are concerned about ensuring that food is produced safely and that the consumer has confidence in the product. HACCP has been increasingly applied to industries other than food, such as cosmetics and pharmaceuticals.

PRODUCTS BY NSF CATEGORY

NSF H1

2085	Di-Electric Grease (Silicone Paste)	p22
3035	Food Grade Water Based Silicone	p15
3038	Food Grade White Grease	p14
3040	Food Grade Silicone	p14
3054	Food Grade Syntha-Tech Lubricant	p14
3055	Food Grade Chain Lube	p14
3065	Food Grade Belt Dressing	p16
3081	Food Grade Machine Oil	p16
3082	Food Grade Di-Electric Grease (Aerosol)	p15, 22
3085	Food Grade Lubricant and Sealant	p15
3086	Food Grade Penetrating Oil	p14
4202	Food Grade Synthetic Compressor Oil	p19
4212	Food Grade Synthetic Hydraulic Oil ISO 48	p19
4216	Food Grade Synthetic Hydraulic Oil ISO 68	p19
4218	Food Grade Multi-Purpose Oil ISO 22	p19
4232	Food Grade Synthetic Gear & Chain Oil	p20
4246	Food Grade Gear Oil SAE 90	p20
4258	Food Grade Air Tool Oil	p20
4261	Food Grade Proofer Chain Lube	p19
4269	Food Grade Chain Lube	p20
SL35600	Food Grade Multi-Purpose Grease	p16
SL35605	Food Grade Multi-Purpose Grease	p20
SL35610	Food Grade Synthetic Grease	p16
SL35906	Food Grade Anti-Seize Compound	p16

NSF H2

92005	2-26 Multi-Purpose Lubricant	p22
3005	3-36 Multi-Purpose Lubricant & Corrosion Inhibitor	p22
92088	3-36 Multi-Purpose Technical Grade	p22
3050	Chain & Wire Rope Lubricant	p22
3044	Dry PTFE Lube	p22
3076	Tac 2 [®] Adhesive Chain Lubricant	p23
3020	Knock'er Loose	p24
3027	Knock'er Loose Plus Penetrating Solvent	p24
3262	SP-350 Corrosion Inhibitor	p24
3282	SP-400 Corrosion Inhibitor	p24

NSF 3H

4590	Direct Food Contact Pan Divider Oil ISO 15	p18
4592	Direct Food Contact White Oil ISO 22	p18
4594	Direct Food Contact White Oil ISO 46	p18
4596	Direct Food Contact While Oil ISO 100	p18

NSF /ANSI 51

NSE A1

14082	Food Zone Silicone Sealant (White)	p20
14083	Food Zone Silicone Sealant (Clear)	p20

NSE C1

14005	Natural Degreaser	p26
14406	Hydro-Force All Purpose Degreaser	p30
14412	Hydro-Force Glass Cleaner	p30
14414	Hydro-Force Industrial Strength Degreaser (510g)	p26
14416	Hydro-Force Industrial Strength Degreaser (3.8 ℓ)	p26
14417	Hydro-Force Industrial Strength Degreaser (18.9 ℓ)	p26
14424	Hydro-Force Stainless Steel Cleaner	p30

NSF E4

NSE KI

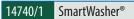
3201	Isopropyl Alcohol Precision Cleaner	p25
2120	Lectra Clean II Low VOC (425g)	p22
2121	Lectra Clean II Low VOC (18.9ℓ)	p22

NSF K2

2130	QD Contact Cleaner	p25
2016	CO Contact Cleaner	p25
2140	Contact Cleaner 2000	p25
3201	Isopropyl Alcohol Precision Cleaner	p25
2018	Lectra Clean (539g)	p26
2020	Lectra Clean (3.8ℓ)	p26
2115	Lectra Force Electrical Cleaner	p26
2120	Lectra Clean II Low VOC (425g)	p22
2121	Lectra Clean II Low VOC (18.9ℓ)	p22

NSF K3

3250	Industrial Adhesive Remove	er	p27					
NSE M1								
3301	Food Grade Silicone Mold R	elease	p15					
NSE P1								
15403	Leak Detector	Leak Detector						
NSF R2								
18211	18211 Steel Re-Nu							
	CATEGORY KEY	Food Grade						
Protecti	on & Corrosion Inhibitors	Lubricants						
	al Degreasers & Cleaners	Precision Cleaner	S					
Environm	entally Preferred Products	Speciality						



ICONS

Icons are an indication of use. However, please refer to MSDs and TDSs for accurate information



360° SPRAY VALVE



AUTOMOTIVE



AVIATION



ELECTRICAL



ELECTRONIC



ENVIRONMENTALLY PREFERRED PRODUCTS (EPP)



EVAPORATIVE



FLAMMABLE



MINING/INDUSTRIAL



MULTI-PURPOSE (Lubricate/Protect/ Penetrate/De-water



NON-FLAMMABLE



KB

KAURI BUTANOL (KB) VALUE





PRODUCT FEATURES

CRC Industries has over 75 food grade maintenance products within the NSF H1 category designation. These items are approved for use where incidental food contact might occur. Understanding the importance for continuous improvement in food safety, **CRC** has introduced a new label design for all **CRC** H1 Food Grade Lubricants to ensure proper usage of these products in the workplace. In addition, CRC H1 Food Grade aerosol lubricants utilize the revolutionary Perma-Lock[®] cap – a one-piece, 2-way integrated actuator that will not detach!

Silver Band Perma-Lock[®] Actuator Quick visual identification of CRC H1 products from across the plant Permanent, 2-Way integrated actuator offers 2 spray floor with unique silver branding. patterns. Flip straw down for wide spray pattern; flip straw up for a precision application. Perma-Lock® cap will not detach, safeguarding against CRC costly recalls. No lost nozzles, straws or caps! **Greenlight Graphic** Food Grade Greenlight image immediately Perma-Lock[®] – Prevention. Not Detection.[®] Penetrating identifies product as H1 certified. **Product Name NSF Logo & Number** Aceite Penetrante de Clear & descriptive product name Grado Alimenticio NSF Category Code and registration # prominently provides immediate recognition displayed to aid during the inspection process. of use ma-Lock S.D.[L.]® Current Safety Data Sheet printed on the reverse side of aerosol product label – a CRC exclusive **OR Code** - puts Disposal, First Aid and Instant access to mobile-ready product detail page. important safety information right at your fingertips! Dual Hazcom Label Labels are GHS OSHA (Global Harmonized System)

& CPSC (Consumer Product Safety Commission)

compliant.

FOOD SAFETY PROGRAM





CRC understands the food industry, whether its growing, processing, packaging or production. **CRC** food grade products are registered by the National Sanitation Foundation (NSF*) and conform to its strict standards.

We also understand that a range of maintenance products is no longer enough, that is why we have not only developed over 75 NSF H1** products, manufactured to the same high standard that has made CRC a worldwide leader in MRO maintenance, but we have also developed our exclusive CRC GREENLIGHT Food **Safety Program**, developed to reduce the risk of incident when conducting maintenance during production.

We believe the CRC GREENLIGHT Food Safety Program will either simplify or improve on your current QA auditing programs through the introduction of...

- The CRC range of NSF H1 maintenance products
- A visual food safety identification program
- **V** Training on the risk reduction program for your staff
- Site survey and assessment
- On-going updates to ensure you remain at the highest level of regulatory compliance
- Inventory assessment & management with an aim to reduce costs

* NSF International is the only independent, third-party organization that offers product registration for nonfood compounds such as lubricants, cleaners and water treatment chemicals used in food and beverage processing. The NSF also certifies food-grade lubricants to ISO 21469 and work with processors to specify registered products.

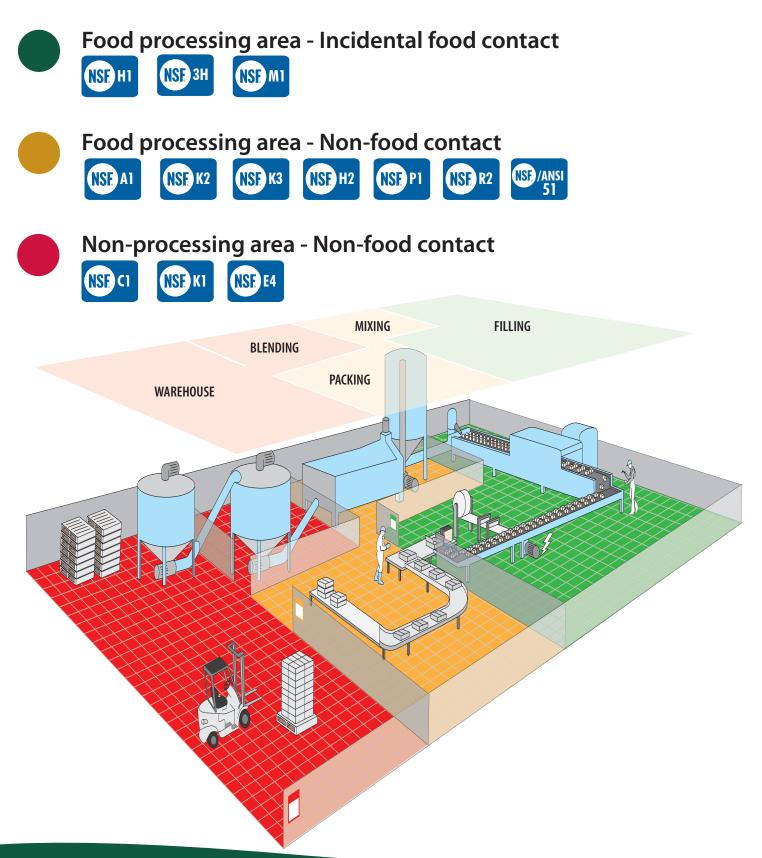
** This product is acceptable as a lubricant with incidental food contact (HI) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts 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





FACILITY ZONING





The facility is zoned according to risk of food/drink contamination. Green zones are where only the "safest" products are authorised, whereas amber and red zones have decreasing product controls. The zone colour matches the product colours for a simple, visual, authorisation check.



Only Green classified products to be used in the area, e.g. Food Processing Areas, Unpackaged Goods Areas. Some Amber coloured products may be used - check zone poster for authorised products



Many products can be used here, but check - caution! e.g. Store Rooms, Food Processing Areas



Any product can be used here, e.g. Engineering Workshops, Outside Areas, Finished Good Warehouse

S GRE	AFETY PROGRAM	ereindustries.co.za	
Produc	ts & applications	authorised for use in this zo	ne
			-
Authorised by:		Zone:	
ontact:			







Using the Greenlight Food Safety Programme demonstrates a commitment to reducing risk to consumers from potential product contamination during processing.

GREENLIGHT FOOD SAFETY PROGRAMME

COLOUR CODING MATRIX

- Food processing area Incidental food contact
- Food processing area Non-food contact
- Non-processing area Non-food contact



		Where U	lsed	Us	e on Wh	at	Food C	ontact	Pre- Treatment	Post Tre	atment	
	PRODUCTS	Colour Code	NSF Code	Food Processing Area	All Surfaces	Non-Food Contact Surfaces	Specific Surfaces	Incidental Contact	No Contact	Remove Food & Packaging?	Post-application water rinse	Allow any odour to dissipate?
CODE	FOOD GRADE LUBRICANTS											
4590	Direct Food Contact Pan Divider Oil		H1, 3H	\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
4592	Direct Food Contact White Oil ISO 22		H1, 3H	\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	$\mathbf{\overline{\mathbf{A}}}$					
4594	Direct Food Contact White Oil ISO 46		H1, 3H	\checkmark	\checkmark	\checkmark	$\mathbf{\nabla}$	$\mathbf{\nabla}$				
4596	Direct Food Contact White Oil ISO 100		H1, 3H	\checkmark	\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	$\mathbf{\nabla}$				
4258	Food Grade Air Tool Oil		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
SL35906	Food Grade Anti-Seize Compound		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
3065	Food Grade Belt Dressing		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
3055	Food Grade Chain Lube		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
4269	Food Grade Chain Lube (Bulk)		H1	\checkmark		\checkmark	$\mathbf{\overline{\mathbf{A}}}$	$\mathbf{\overline{\mathbf{A}}}$				
3082	Food Grade Di-Electric Grease		H1	\checkmark		\checkmark	\checkmark	\checkmark				
4246	Food Grade Gear Oil SAE 90		H1	\checkmark		\checkmark	\checkmark	\checkmark				
3085	Food Grade Lubricant and Sealant		H1	\checkmark		\checkmark	\checkmark	\checkmark				
3081	Food Grade Machine OII		H1	\checkmark		\checkmark	\checkmark	\checkmark				
SL35600	Food Grade Multi-Purpose Grease		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
SL35605	Food Grade Multi-Purpose Grease (Bulk)		H1	\checkmark		\checkmark	\checkmark	\checkmark				
3086	Food Grade Penetrating Oil		H1	\checkmark		\checkmark	\checkmark	\checkmark				
4261	Food Grade Proofer Chain Lube		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
3040	Food Grade Silicone		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\nabla}$				
3301	Food Grade Silicone Mold Release		M1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
3054	Food Grade Syntha-Tech Lubricant		H1	\checkmark		\checkmark	\checkmark	$\mathbf{\overline{\mathbf{A}}}$				
4202	Food Grade Synthetic Compressor Oil		H1	\checkmark		\checkmark	$\mathbf{\nabla}$	$\mathbf{\nabla}$				
4232	Food Grade Synthetic Gear & Chain Oil		H1	\checkmark		\checkmark	\checkmark	\checkmark				
SL35610	Food Grade Synthetic Grease		H1	\checkmark		V	$\mathbf{\overline{\mathbf{A}}}$					
4212	Food Grade Synthetic Hydraulic Oil ISO 48		H1	\checkmark		V						
4216	Food Grade Synthetic Hydraulic Oil ISO 68		H1	\checkmark		V						
4218	Food Grade Multi-purpose Oil ISO 22		H1	\checkmark		V						
3035	Food Grade Water Based Silicone		H1	\checkmark		V	\checkmark					
3038	Food Grade White Grease		H1	\checkmark		V						
14082	Food Zone Silicone Sealant (White)		NSF/ANSI 51	\checkmark		$\mathbf{\overline{\mathbf{A}}}$						

GREENLIGHT FOOD SAFETY PROGRAMME

			Where	Used	Us	e on Wh	at	Food (Contact	Pre- Treatment	Post Tre	atment
	PRODUCTS	Colour Code	NSF Code	Food Processing Area	All Surfaces	Non-Food Contact Surfaces	Specific Surfaces	Incidental Contact	No Contact	Remove Food & Packaging?	Post-application water rinse	Allow any odour to dissipate?
CODE	LUBRICANTS											
92005	2-26 Multi-Purpose Lubricant		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
3005	3-36 Multi-Purpose Lubricant & Corrosion Inhibitor		H2	\checkmark		\checkmark	\checkmark		\checkmark	\checkmark		\checkmark
92088	3-36 Multi-Purpose Technical Grade		H2	\checkmark		\checkmark	\checkmark			\checkmark		\checkmark
3050	Chain & Wire Rope Lubricant		H2	\checkmark		\checkmark	\checkmark		\checkmark	\checkmark		\checkmark
2085	Di-Electric Grease (Silicone Paste)		H1	\checkmark	\checkmark		\checkmark	\checkmark				
3082	Di-Electric Grease (Aerosol)		H1	\checkmark	V		\checkmark	\checkmark				
3044	Dry PTFE Lube		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
3076	TAC 2 [®] Adhesive Chain Lubricant		H2	V		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
	PROTECTION & CORROSION INHIBITORS											
3020	Knock'er Loose		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
3027	Knock'er Loose Plus Penetrating Solvent		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
3262	SP-350 Corrosion Inhibitor		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$			\checkmark
3282	SP-400 Corrosion Inhibitor		H2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$			\checkmark
18211	Steel Re-Nu		R2	\checkmark			\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
	PRECISION CLEANERS											
2016	CO Contact Cleaner		K2	\checkmark		\checkmark	\checkmark		$\overline{\mathbf{A}}$	\checkmark		\checkmark
2140	Contact Cleaner 2000		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
3201	Isopropyl Alcohol Precision Cleaner		K1, K2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
2130	QD Contact Cleaner		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
	INDUSTRIAL DEGREASERS & CLEANERS											
14414	Hydro-Force Industrial Strength Degreaser (510g)		C1	\checkmark	\checkmark	\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	\checkmark
14416	Hydro-Force Industrial Strength Degreaser (3.8ℓ)		C1	\checkmark	\checkmark	\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	\checkmark
14417	Hydro-Force Industrial Strength Degreaser (18.9ℓ)		C1	\checkmark	\checkmark	\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	\checkmark
2018	Lectra Clean (539g)		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
2020	Lectra Clean (3.8ℓ)		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
2120	Lectra Clean II Low VOC (425g)		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
2121	Lectra Clean II Low VOC (18.9ℓ)		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark		\checkmark
2115	Lectra Force Electrical Cleaner		K2	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
14005	Natural Degreaser		C1	\checkmark		\checkmark	\checkmark		$\mathbf{\nabla}$	\checkmark	$\mathbf{\overline{\mathbf{A}}}$	\checkmark
	SPECIALITY											
4100	Hand Cleaner Towels		E4	\checkmark		\checkmark	\checkmark		$\overline{\mathbf{A}}$	\checkmark		\checkmark
3250	Industrial Adhesive Remover		K3			\checkmark	\checkmark		\checkmark	\checkmark		\checkmark
14503	Leak Detector		P1	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
14740/1	SmartWasher®		A1	\checkmark		\checkmark	\checkmark		\checkmark	\checkmark		\checkmark
	ENVIRONMENTALLY PREFERRED PRODUCTS											
14412	Hydro-Force Glass Cleaner		C 1	\checkmark		$\overline{\checkmark}$	\checkmark			\checkmark		\checkmark
14406	Hydro-Force All Purpose Degreaser		C 1	\checkmark		\checkmark	\checkmark		$\mathbf{\overline{\mathbf{A}}}$	\checkmark		\checkmark
14424	Hydro-Force Stainless Steel Cleaner		C 1	$\overline{\checkmark}$		\checkmark				\checkmark		$\overline{\mathbf{A}}$
								1				_

FOOD GRADE SILICONE



A multi-purpose silicone spray for food processing and handling applications. It forms a colourless, odourless film that lubricates and insulates in most metal-to-metal applications. Food Grade Silicone film eliminates binding and sticking, while protecting most surfaces. In addition, it may be used as a release agent.

Application: Food processing & handling equipment, chutes, guides, rails, conveyors, bottling machinery, slicers, ovens, freezers, knives, saws, coin mechanisms, linkages, locks, pulleys, timers, rubber seals, tools, vending machines and ceramic insulators.

Features and Benefits:

- Harmless to most rubbers and plastics.
- Wide effective temperature range -40° C to $+200^{\circ}$ C.
- Excellent release agent and lubricant for all surfaces.

	5	
Part Number	Container Size	Units per Case
3040	284g	12
6		

FOOD GRADE PENETRATING OIL

3086

3040



An effective and efficient general purpose penetrant for use on all food processing equipment. Contains a highly refined white mineral oil that is colourless, tasteless & odourless. Ideal for use on fans, carts, bottlers, conveyors, racks, ovens, stoves and freezers.

Application: Food processing equipment directly exposed to food products including scales, fans, carts, galleys, bottlers, chutes, conveyors, racks, ovens, stoves, fillers, mixers, freezers, rails and cooking appliances.

Features and Benefits:

- General, non-silicone lubricant for use on all food processing equipment.
- Eases disassembly of mechanical equipment, fittings & fixtures.
- 360° valve.
- Temperature range 0°C to +150°C.

Part Number	Container Size	Units per Case
3086	312g	12

FOOD GRADE WHITE GREASE

3038



provides superior lubrication and durability in many food and pharmaceutical processing applications. Designed for high load applications requiring a long grease life. Protects equipment against rust, oxidisation and wear.

A high purity, high guality aluminium complex grease that

Application: Bakeries, Bottlers, Breweries, Canneries, Dairies.

Features and Benefits:

- Excellent adhesion resists throw-off and shear breakdown.
- Resistant to water, salt spray and detergent.
- Wide operating temperature range -18°C to +232°C.

Part Number	Container Size	Units per Case	
3038	284g	12	



FOOD GRADE CHAIN LUBE



A special blend of synthetic lubricants and mineral oil, designed to keep roller drive and conveyor chains lubricated. It is specifically designed to provide the convenience of aerosol application where incidental food contact may occur. Food Grade Chain Lube penetrates, lubricates and protects moving parts by reducing friction and wear.

CRC Fase Blat Chain Lube

chains, link and roller assemblies, forklift trucks and many other industrial applications.

Application: Conveyor chains, packaging equipment, hoist

Features and Benefits:

- Non-drying film effectively lubricates metal surfaces.
- Formula contains anti-wear properties to extend chain life.
- Foaming action penetrates chain bushings and pins, and provides maximum adhesion.

Part Number	Container Size	Units per Case
3055	340g	12

FOOD GRADE SYNTHA-TECH LUBRICANT



A non-flammable unique blend of synthetic lubricants that utilises PTFE, anti-wear and extreme pressure additives to increase equipment life and performance. Its long lasting film minimises surface contact thereby extending lubricating intervals.

Application: Bearings, gears, linkages, motors, chains, cables, rollers, guide bars, pulleys, cams, valves, ball joints, hinges, slides, cutting tools, taps, dies, pistons, handling equipment, conveyors, hoists, lifts, doors, fans, and processing equipment.

Features and Benefits:

- Unique blend of synthetic lubricants

 utilises PTFE, anti-wear and extreme pressure additives.
- Non-flammable.
- Zero VOC formula.
- Long lasting film minimises surface contact thereby extending lubricating intervals.

Part Number	Container Size	Units per Case
3054	312g	12
21)		



3054

FOOD GRADE WATER BASED SILICONE



A non-flammable, NSF H1 registered multi-purpose silicone spray for food processing and handling applications. It forms a white emulsion that is odourless and non-staining, and lubricates in most metal-to-metal applications. It is a silicone rich formula that eliminates binding and sticking, while protecting most surfaces.

Application: Food processing & handling equipment, chutes, guides, rails, conveyors, bottling machinery, slicers, ovens, freezers, knives, saws, linkages, locks, pulleys, timers, rubber seals, tools, & ceramic insulators.

Features and Benefits:

- Non-hardening film minimises corrosion and provides excellent lubricity.
- Reduces galling and friction.
- Harmless to most rubbers and plastics.
- Working temperature range -20°C to +200°C.

Part Number	Container Size	Units per Case
3035	369g	12

FOOD GRADE SILICONE MOLD RELEASE



Contains the same high quality ingredients as General Purpose Silicone, except it is formulated to be used for light-duty applications where post-mold painting is not required. This product has a light duty silicone content (3%) and is a rapid dry, anti-stick mold release agent suitable for cold and hot molds.

Application: Injection and compression molding of ABS, acetyl, acrylic, Noryl[®], nylon, polycarbonate, polystyrene, polysulfone, and wax. Also for use in blow molding, extruders, foundries and investment castings.

Features and Benefits:

- Prevents sticking to increase the life of dies and molds, improve product surface finishes and reduce production times.
- Rapid dry, anti-stick agent suitable for cold and hot molds.
- Colourless, odourless, non-staining, non-corrosive.
- Does not contain CFCs, ODPs or chlorinated solvents.

Part Number	Container Size	Units per Case
3301	326g	12



FOOD GRADE DI-ELECTRIC GREASE



3035

3301

Seals, lubricates, water-proofs and insulates electrical connections with a thin, non-curing silicone compound that helps maintain electrical performance by reducing line sag, arcing, voltage drops and problems caused by adverse weatherconditions. It also provides an exceptional lubricant for fasteners used to support temporary electrical work. It improves electrical performance during adverse conditions and temperature extremes.

Application: Electrical panels, outdoor lighting, score-boards, traffic lights, high voltage poles, transformers, disconnects, switching mechanisms, electrical contacts, spark plugs, battery terminals, fasteners, o-rings, rubber and plastic parts.

Features and Benefits:

- Seals, lubricates, protects, insulates and waterproofs.
- Temperature resistant. Maintains performance level year round. Will not harden, freeze, dry or melt due to temperature fluctuations.
- Rubber and Plastic Safe. Will not degrade seals, gaskets or plastic insulators.



FOOD GRADE LUBRICANT AND SEALANT

3085

3082



Seals, lubricates, waterproofs and insulates with a thin, non-curing silicone compound. It also provides an exceptional lubricant for fasteners used to support temporary electrical work. Food Grade Lubricant and Sealant is excellent for lubricating and sealing rubber and plastic parts — including o-rings. Great for use in food processing environments where there may be a chance of incidental food contact.

Application: Gaskets, transfer belts, conveyor belts, motors, plant machinery and handling equipment, rubber moldings, high temperature, low load, or high rpm slides, rollers, wheels, gears, chains & hoists.

Features and Benefits:

- Seals, lubricates, protects, insulates and waterproofs.
- Temperature resistant. Maintains performance level year round. Will not harden, freeze, dry or melt due to temperature fluctuations.
- Rubber and plastic safe. Will not degrade seals, gaskets or plastic insulators.



FOOD GRADE MACHINE OIL



SL35906



An extremely efficient and effective general purpose nonsilicone lubricant for use on all food processing equipment. Food Grade Machine Oil penetrates and loosens rust, scale, dirt and corrosion to free parts and fasteners on food processing equipment. The highly refined white mineral oil is colourless, odourless and tasteless to meet NSF and FDA standards.

Application: Food processing equipment directly exposed to food products including scales, fans, carts, galleys, bottlers, chutes, conveyors, racks, ovens, stoves, fillers, mixers, freezers, rails and cooking appliances.

Features and Benefits:

- Contains no silicone.
- Will not harm wood, metal, plastic or painted surfaces.
- Working temparature range 0°C to 149°C
- 360° valve.

Part Number	Container Size	Units per Case
3081	312g	12

FOOD GRADE ANTI-SEIZE COMPOUND



A premium quality Food Grade Anti-Seize Compound developed specifically for use in applications where incidental food contact is possible, and is composed entirely of ingredients that meet NSF H1 requirements. This aluminium complex based Food Grade Anti-Seize Compound protects metal parts from seizure, galling, rust, corrosion and heat freeze by tenaciously adhering to the metal surface.

Application: Food processing machinery to lubricate fittings, bushings, flanges, headers, nuts, screws, studs, threaded surfaces, pipes, plugs, and manifolds to prevent seizing and galling of surfaces.

Features and Benefits:

- Odourless, tasteless, non-staining.
- Resists rust and oxidation.
- Wide temperature range -53°C to +982°C.
- Convenient brush-top.

Part Number	Container Size	Units per Case
SL35906	227g	12



FOOD GRADE MULTI-PURPOSE GREASE SL35600



An NLGI Grade 2 aluminium complex-based superior Multi-Purpose Grease for food processing and handling. It will not pound out bearings and bushings during shock loads, and contains excellent water resistance, and rust and corrosion protection. A superior extreme pressure additive package provides a Timken rating of 40lbs.

Application: Anywhere lubrication is needed where it may come in contact with food, bottling machinery, breweries, canneries, carton/packaging equipment, dairies, food processing & handling equipment, meat processing plants, seamers at high speeds & pressure.

Features and Benefits:

- Wide temperature range -35°C to +150°C.
- Timken OK load of 40lbs.

Part I	Number	Container Size	Units per Case
SL3	35600	397g	10
6			

FOOD GRADE SYNTHETIC GREASE



An NLGI 2 lubricating grease formulated with the highest quality synthetic NSF H1 authorised raw materials available. High dropping point makes it particularly useful in high temperature applications. It also performs extremely well in cold temperature applications, as the base fluid exhibits a very low pour point.

Application: Food processing & handling equipment, breweries, canneries, carton/packaging equipment, dairies, & meat processing plants.

Features and Benefits:

- Water wash-down resistant.
- Resists rust and oxidation.
- Wide temperature range -40°C to +200°C.

8	Part Number	Container Size	Units per Case
J	SL35610	397g	10

FOOD GRADE BELT DRESSING

3065

SL35610



Provides a temporary, food grade, synthetic treatment for worn belts. Extends belt life by reducing slippage, hardening, glazing, dirt build-up and friction. Food Grade Belt Dressing can be used on leather, rubber, canvas or fabric, and is ideally suited for use on flat, round and single V belts. Improves traction and reduces belt tension, relieving stress on motors, shafts and wheels.

Application: Industrial machinery, conveyor systems, portable motorized equipment and vehicle belts.

Features and Benefits:

- Tacky, non-drying, water resistant film minimises belt slippage.
- Colourless will not stain finished goods transported on conveyor systems.

Part Number	Container Size	Units per Case
3065	284g	12



Units per Case
12

HOW TO REMOVE LUBRICANTS

	BEFORE BEFORE	NSF	QD Contact Cleaner	Contact Cleaner 2000	CO Contact Cleaner	Cable Cleaner	Natural Degreaser	Hydro-force Industrial strength degreaser	Hydro-force All Purpose Degreaser	Lectra Clean	CRC Lectra Clean II	Smartwasher SW 423 Mobile Washer Start up Kit
ľ	in Food Processing Plants	(NSF.)	2130	2140	2016	2064	14005	14414	14406	2018	2120	14740
CODES	FOOD GRADE H1 LUBRICANTS		K2	K2	K2	K 1	C 1	C 1	C1	K2	K1, K2	A1
Aerosols												
3038	Food Grade White Grease	H1				\checkmark	\checkmark			\checkmark	\checkmark	\checkmark
3040	Food Grade Silicone	H1						\checkmark	\checkmark			\checkmark
3054	Syntha Tech Lubricant	H1				\checkmark		\checkmark	\checkmark		\checkmark	\checkmark
3055	Food Grade Chain Lube	H1	$\mathbf{\overline{\mathbf{A}}}$	\checkmark	\checkmark	\checkmark						\checkmark
3065	Food Grade Belt Dressing	H1				\checkmark	\checkmark					
3081	Food Grade Machine oil	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark	\checkmark
3085	Food Grade Lubricant and Sealant	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	\checkmark
3086	Food Grade Penetrating Oil	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark	\checkmark
SL35600	Food Grade Multipurpose Grease (cartridge)	H1				\checkmark	\checkmark			\checkmark	\checkmark	\checkmark
SL35906	Food Grade Anti Sieze	H1								\checkmark	\checkmark	\checkmark
Food Grad	e Bulk											
4206	Food Grade Synthetic Compressor Oil ISO 68	H1					\checkmark					\checkmark
4212	Food Grade Synthetic Hydraulic Oil ISO 56	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4218	Food Grade Multipurpose Oil	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4232	Food Grade Synthetic Gear Oil ISO 220	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4246	Food Grade Gear Oil SAE 220	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4246	Food Grade Gear Oil SAE 90	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4258	Food Grade Air Tool Oil	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					\checkmark
4261	Food Grade Proofer Chain Lube	H1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	\checkmark
4269	Food Grade Chain Lube	H1				\checkmark	\checkmark			\checkmark	\checkmark	\checkmark
SL35605	Multi Purpose Food Grade Grease	H1										
SL35611	Synthetic Food Grade Grease	H1										
4590	Pan Divider Oil Direct Food Contact ISO 15	3H	\checkmark	\checkmark	\checkmark							
4592	Direct Food Contact White Oil ISO 22	3H										
4594	Direct Food Contact White Oil ISO 46	3H										
4596	Direct Food Contact White Oil ISO 100	3H										

NSF 3H DIRECT FOOD CONTACT

DIRECT FOOD CONTACT PAN DIVIDER OIL



4590





An edible, colorless, tasteless, USP Grade NSF 3H, H1registered oil. Complies with FDA CFR 172.878 3H.

NSF H1

NSF 3H

NSE HI

Application: Bread Dividers, Dough Troughs, Wipe Down Oil.

Part Number	Container Size	Units per Case
4590	18.9E	1

DIRECT FOOD CONTACT WHITE OIL ISO 22 4592



An edible, colorless, tasteless, USP Grade NSF 3H, H1 registered oil. Complies with FDA CFR 172.878 3H.



Application: Bread Dividers, Dough Troughs, Wipe Down Oil.



4592

Part Number **Container Size** Units per Case

18.9l

DIRECT FOOD CONTACT WHITE OIL ISO 46 4594

An edible, colorless, tasteless, USP Grade NSF 3H, H1registered oil. Complies with FDA CFR 172.878 3H.

Application: Bread Dividers, Dough Troughs, Wipe Down Oil.

 Part Number	Container Size	Units per Case
4594	18.9l	1

DIRECT FOOD CONTACT WHITE OIL ISO 100 4596



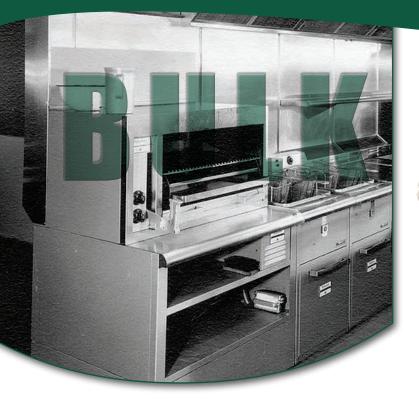
An edible, colorless, tasteless, USP Grade NSF 3H, H1registered oil. Complies with FDA CFR 172.878 3H.



Application: Bread Dividers, Dough Troughs, Wipe Down Oil.

 Part Number	Container Size	Units per Case
4596	18.9L	1





FOOD GRADE MULTI-PURPOSE OIL





Food Grade Multi-Purpose Oil is formulated with USP grade white oils. This NSF H1 Registered food grade oil is specially formulated for many different uses in food processing, pharmaceutical and agricultural industries.

Application: Great for use in all types of food processing facilities.Hydraulic Systems, vacuum pumps, canning, bea valves, circulating oil.

valves, circulating oil.			
Part Number	Container Size	Units per Case	
4218	18.9l	1	



FOOD GRADE SYNTHETIC COMPRESSOR OIL 4202 ISO32



4261

4212

Formulated from the highest quality polyalphaolefin (PAO) base oils with a superior proprietary additive package to achieve long life. This long life compressor lubricant provides significantly improved wear, oxidation and lubricity over the currently available H1 food grade synthetic oils allowing the service life to increase by 50% to 100%. CRC Food Grade Synthetic Compressor Oils are primarily designed for rotary screw compressors and give a service life of 4,000 plus service hours in good operating conditions. Working temperature -45°C to +87°C

Application: Great for use in all types of food processing facilities, rotary screw compressors, rotary van compressors, reciprocating compressors, centrifugal compressors and vacuum pumps.

Part Number	Container Size	Units per Case
4202	18.9L	1

FOOD GRADE SYNTHETIC HYDRAULIC OIL4216ISO 68



A fully synthetic fluid blended from premium polyalphaolefin (PAO) base oils with superior additives that meet the requirements for demanding industrial hydraulic systems within the food industry. Working temperature -45° C to $+232^{\circ}$ C



Application: Great for use in all types of food processing facilities. Hydraulic Systems, vacuum pumps, canning, bearings, valves, circulating oil.

Part Number	Container Size	Units per Case
4216	18.9E	1

FOOD GRADE PROOFER CHAIN LUBE



A USP grade white oil based chain lubricant designed for high humidity environments. This premium chain lubricant will not emulsify with water and provides excellent rust protection as well as excellent metal wear resistance.

Working te

Working temperature -17,8°C to +190°C

Application: Proofer boxes, conveyor, roller ball bearings, pin and roller chains, slides, gears, and various other food processing equipment.

Part Number	Container Size	Units per Case
4261	18.9l	1

FOOD GRADE SYNTHETIC HYDRAULIC OIL ISO 46





A fully synthetic fluid blended from premium polyalphaolefin (PAO) base oils with superior additives that meet the requirements for demanding industrial hydraulic systems within the food industry. This NSF H1 Registered premium food grade hydraulic fluid is designed as a multi-purpose oil to include a wide variety of industrial applications as well as hydraulic systems. Working temperature -45°C to +232°C

Application: Great for use in all types of food processing facilities. Hydraulic Systems, vacuum pumps, canning, bearings, valves, circulating oil.

Part Number	Container Size	Units per Case
4212	18.9l	1

FOOD GRADE SYNTHETIC GEAR & CHAIN OIL 4232



A fully synthetic food grade gear oil that is formulated from premium polyalphaolefins (PAO) base fluids. This NSF H1 Registered food grade gear oil is engineered to provide superior lubrication protection and include an extra additive to improve gasket & seal characteristics. Working temperature -37°C to +232°C

Application: Great for use in all types of food processing facilities. Gear Sets, bearings, worm gears, chains, & circulating oil.

Part Number	Container Size	Units per Case
4232	18.9E	1

FOOD GRADE AIR TOOL OIL

4258



A fully synthetic food grade oil that is formulated with the highest quality polyalphaolefin (PAO) base oil to meet the lubrication requirements of air line equipment. This NSF H1 Registered lubricant is formulated with high performance antioxidants and anti-wear additives to meet the challenges of industrial environments. This product provides lubrication for all air line equipment used in food processing plants. Working temperature -140°C to +120°C

Application: Air tools, air operated processing equipment, air operated packaging equipment, air operated knives, saws, and various other food processing equipment.

Part Number	Container Size	Units per Case
4258	18.9L	1

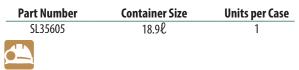
FOOD GRADE MULTI-PURPOSE GREASE SL35605



An aluminium complex premium grade USDA H1 grease for use in food production and processing industries. This NLGI Grade 2 multi-purpose lubricant is white in colour and has a smooth buttery texture. Working temperature -34°C to +148°C



Application: Anywhere lubrication is needed where it may come in contact with food, bottling machinery, breweries, canneries, carton/packaging equipment, dairies, food processing & handling equipment, meat processing plants, seamers at high speeds and pressure. Timken OK Load [Lbs.] 40 Lbs; 4 Ball EP 500 Kg Weld; 4 Ball Wear 0.6 mm typical; Water Washout 5.



FOOD GRADE GEAR OIL SAE 90





Formulated with USP grade white oils. This NSF H1 Registered food grade gear oil is engineered to provide superior lubrication protection where food contact may occur.

Working temperature -9°C to +190°C

Application: Great for use in all types of food processing facilities. Gear sets, bearings, pumps, and chain applications.

Part Number	Container Size	Units per Case		
4246	18.9l	1		

FOOD GRADE CHAIN LUBE



Blend of synthetic lubricants and mineral oil to keep roller drive and conveyor chains lubricated. The unique formula will penetrate, lubricate and protect moving parts by reducing friction and wear that causes metal fatigue. Regular use of Food Grade Chain Lube will help inhibit corrosion, reduce load stress, greatly extend chain life and its silicone free. Working temperature -13°C to +162°C

Application: Recommended for use as a lubricant and corrosion inhibitor on conveyor chains, packaging equipment, hoist chains, link and roller assemblies, forklift trucks and many other industrial applications.

Part Number	Container Size	Units per Case
4269	18.9l	1



FOOD EQUIPMENT MATERIALS

FOOD ZONE SILICONE SEALANT (Clear)

14083

14082

4269



NSF)/ANSI

NSF Certified for Food Zone sealing, bonding, protecting and waterproofing applications. Clear formulation is designed for high moisture, indoor/outdoor applications.



Application: Sealing, bonding, protection & waterproofing in tanks, pipes, electrical, construction, metal working, for filling gaps between mating parts, gearboxes, pumps, motors & or general gasket sealing.

	Part Number	Container Size	Units per Case
1	14083	300g	12

FOOD ZONE SILICONE SEALANT (White)



CRG

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NSF Certified for Food Zone sealing, bonding, protecting and waterproofing applications. White formulation is designed for high moisture, indoor/outdoor applications.

Application: Sealing, bonding, protection & waterproofing in tanks, pipes, electrical, construction, metal working, for filling gaps between mating parts, gearboxes, pumps, motors & or general gasket sealing.

Part Number	Container Size	Units per Case
14082	300g	12

FOOD GRADE BULK TECHNICAL INFORMATION

Code	Description	NSF NSF	Pail Size	Pour point	Working temperature	Flash point	Safe on most plastics	ISO viscosity	SAE Grade	Specific gravity	Kosher/ Halal certified	Allergen certificate available
4202	Food Grade Synthetic Compressor Oil ISO 32/46	\sim /	18.9Lts	-50°C	-45°C to 88°C	261°C		32/46	20 Engine	0,85		
4212	Food Grade Synthetic Hydraulic Oil ISO 46	H1	18.9Lts	-48°C	-45°C to 232°C	260°C	\checkmark	46	20	0,83		
4216	Food Grade Synthetic Hydraulic Oil ISO 68	H1	18.9Lts	-48°C	-45.5°C to 232°C	260°C		68	20	0,84		
4232	Food Grade Synthetic Gear & chain Oil ISO 220	H1	18.9Lts	-42°C	-37.7°C to 232°C	262°C		220	50	0,85		
4246	Food Grade Gear Oil SAE 90	H1	18.9Lts	-10°C	-9°C to 190°C	190°C		150/220	90	0,88		
4258	Food Grade Air Tool Oil	H1	18.9Lts	-50°C	-40°C to 120°C	190°C		32	32	0,83		
4261	Food Grade Proofer Chain Lube	H1	18.9Lts	-15°C	-17°C to 190°C	188°C		Viscosity @ 40°C 100	White grade oil	0,87		
4269	Food Grade Chain Lube, 5 Gal	H1	18.9Lts	N/A	-13°C to 163°C	>188°C		N/A	Synthetic and mineral oil	0,874		
SL35605	Food Grade Multi- Purpose Grease	H1	15.87kgs	Drop Point 269°C Pour point (-17°C)	-34°C to 149°C	221°C		68	NLGI Grade 2	0.89 at 15.5℃	×	
SL35611	Food Grade Synthetic Grease	H1	15.87Kgs	Drop point 343°C Pour point (-53C)	-29C to 177C	226°C	\checkmark	135	NLGI Grade 3	0,84	×	
4590	Direct Food Contact Pan Divider Oil	3H, H1	18.9Lts	-18C		182.1°C		Viscosity @ 40°C 15		0,85		
4592	Direct Food Contact White Oil ISO 22	3H, H1	18.9Lts	-27.8C		182.1°C		Viscosity @ 40°C 20	Purified mineral oil that are edible	0,85		$\mathbf{\nabla}$
4594	Direct Food Contact White Oil ISO 46	3H, H1	18.9Lts	-26.1C		210°C		Viscosity @ 40°C 46	colourless, odourless and tasteless	0,85		
4596	Direct Food Contact White Oil ISO 100	3H, H1	18.9Lts	-24.46C		263.21°C		Viscosity @ 40°C 105		0,85		\checkmark

LUBRICANTS



2-26 MULTI-PURPOSE LUBRICANT

92005

NSF H2

Plastic safe lubricant, penetrant and corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion. Restores resistance values and helps stop current leakage.

Application:

Connectors, relays, circuit breakers, transformers, switchgear, motors, generators, controls, instruments, communication assemblies, electronics, alarm systems, starters, tubing, castings, gears, weld rod, wire, fixtures, dies, jigs, shim stock, chucks.



3-36 MULTI-PURPOSE TECHNICAL GRADE



GRADE 92088

Plastic safe lubricant, penetrant & corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion. Restores resistance values & helps stop current leakage.



Application:

Connectors, relays, circuit breakers, transformers, switchgear, motors, generators, controls, instruments, communication assemblies, electronics, alarm systems, starters, tubing, castings, gear, weld rod, wire, etc.



DRY PTFE LUBE

3044

Multi-purpose, micro-thin film lubricant containing PTFE that penetrates and bonds to most surfaces including metal, wood, rubber, plastic and glass. Prevents sticking, reducing friction and wear, while sealing out moisture.

Application:

Hinges, locks, catches, pulleys, conveyors, machine parts, chutes & slides, coin mechanisms, window guides, drawers, rollers, control buttons, switches, electrical wires and harnesses.



3-36 MULTI-PURPOSE LUBRICANT & CORROSION INHIBITOR



Multi-purpose lubricant, penetrant and corrosion inhibitor. Forms a clear, thin film that lubricates, prevents corrosion, displaces moisture, penetrates and cleans.

Application:

Tubing, castings, gears, weld rod, wire, fixtures, dies, jigs, shim stock, chucks, drill rod, heat treated parts, machined surfaces, finished welds, aluminium extrusions, air actuated tools, conveyors, frozen joints, locks, hoists, etc.

8	Part Number	Container Size	Units per Case
-120	3005	312g	12

CHAIN & WIRE ROPE LUBRICANT



Extends the working life of chains and wire rope and reduces wear caused by friction and corrosion. Resists water wash-off and high temperature sling-off. Absorbs pin/bushing shock and cushions rollers, pins and bushings. Can be applied with guards in place to eliminate costly downtime.

Application:

Low speed conveyor, drive chains, hoists, winches, pulleys, cushion pins, rollers, garage doors, bushings, seals, o-rings, and come-alongs.



DI-ELECTRIC GREASE

2085 3082

3005

3050



-Electri

Non-curing silicone compound used for electrical sealing, lubricating, protecting and insulating. Waterproofs electrical connections and components. Improves electrical performance in adverse weather conditions.

Application:

Electrical panels, outdoor lighting, scoreboards, traffic lights, high voltage poles, transformers, disconnects, switching mechanisms, electrical contacts, spark plugs, battery terminals, fasteners, o-rings, rubber and plastic parts.

(iii) (iii)			
	Part Number	Container Size	Units per Case
	2085	Silicone paste - 350g	12
trić	3082	Aerosol - 284g	12
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LUBRICANTS

TAC 2[®] ADHESIVE CHAIN LUBRICANT

3076



An exceptional lubricant, with a tough adhesive quality which will bond to chain/wear surfaces to keep them in peak operating condition by reducing friction and wear that cause metal fatigue.

Application:

Drive chains, open gears, hoists, winches, pulleys, fork lifts, rollers, garage doors, bushings, seals, o-rings, and wire ropes.





HOW TO REMOVE LUBRICANTS

	CR© Clean BEFORE	NSF	dD Contact Cleaner	Contact Cleaner 2000	CO Contact Cleaner	Cable Cleaner	14005 Natural Degreaser	 Hydro-force Industrial strength degreaser 	Hydro-force All Purpose Degreaser	Lectra Clean	CRC Lectra Clean II	1000 Isopropyl Alcohol Precision 1000 Cleaner	Smartwasher SW 423 Mobile Washer Start up Kit
CODES	LUBRICANTS		K2	K2	K2	K1	(1	C 1	C1	K2	K1, K2	K2	
92005	2-26 Multi-Purpose Lubricant	H2	\checkmark						V			\checkmark	
3005	3-36 Multi-Purpose Lubricant & Corrosion Inhibitor	H2											
92088	3-36 Multi-Purpose Technical Grade	H2						V	V	\checkmark		V	V
3050	Chain & Wire Rope Lubricant	H1										\checkmark	V
3044	Dry PTFE Lube	H2											
2085	Di-Electric Grease (Silicone paste)	H1											V
3082	Di-Electric Grease (Aerosol)	H1											V
3082	Knock'er Loose	H2											

PROTECTION & CORROSION INHIBITORS



KNOCK'ER LOOSE

NSF H2

3020

An industrial strength, low viscosity super penetrant designed to quickly loosen and free seized, bound or frozen fasteners. Quickly permeates rust, scale, gum, grease and corrosion on nuts and bolts, pins, screws, bushings, clips, hinges, snaps, lugs, caps, locks, washers and sliding mechanisms.

Application:

Nuts and bolts, pins, screws, bushings, clips, hinges, snaps, lugs, caps, locks, washers and sliding mechanisms.

Part Number	Container Size	Units per Case
3020	369g	12
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STEEL RE-NU

18211

NSE R2

A coating containing 316L stainless steel pigment to provide corrosion resistance and protection against sunlight, oil and water. Authorised for use in food processing plants.

Application:

On threads, exposed edges, fasteners, conduit, strapping, welds, fencing, railings, grates, electrical poles, breaker panel housings, rain spouts, signs, doors, trailers, waste containers, catwalks and guard rails.

Part Number	Container Size	Units per Case
18211	369g	12
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KNOCK'ER LOOSE PLUS PENETRATING SOLVENT

3027



A unique penetrant that immediately drops the temperature of the area in contact with the spray. The freeze shock action cracks rusted surfaces allowing it to reach deeper and work more effectively than other penetrants.

Application:

Nuts and bolts, pins, screws, bushings, clips, hinges, snaps, lugs, caps, locks, washers and sliding mechanisms.

DECK ALTER	Part Numb	er	Container Si	ze	Units per Case
17.	3027		326g		12

SP-350 & SP-400: CORROSION **INHIBITOR**

3262 3282



Medium-term corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. It is an easily removable film that will provide protection of all equipment subject to heat humidity, chemicals and severely corrosive atmospheres. Medium-term protection for all metals during shipment or extended storage.

Application:



Precision machine surfaces, shafts, motors, start-up lubricant for stored machinery, assemblies in storage or in shipment, equipment exposed to elements, outdoor storage of raw materials & finished stock.

	Part Number	Container Size	Units per Case
	3262 - SP-350	312g	12
8	3282 - SP-400	284g	12

PRECISION CLEANERS

2016

3201

QD CONTACT CLEANER



NSF K2

et Clez

2130

Plastic safe, quick drying and leaves no residue. Ideal for applications where lower flashpoint solvents can be used. Flammable, quick drying, complete evaporation.

Application:

Telephones, PCs, relays, edge connectors, tape heads, bus bars, circuits, contacts, printed circuit boards, switches & breakers.



CONTACT CLEANER 2000

2140

Non-flammable precision cleaner which rapidly and completely evaporates and assists with thermal stability. It also removes light contaminants, atmospheric oils, dust and lint from precision electrical and electronic equipment. Non-flammable, safe on most plastics, complete evaporation.

Application:

Contacts, circuit breakers, switches, relays, meters, light bulb sockets, control systems and coils where lubricating & corrosion protection is required.



CO CONTACT CLEANER



Formula contains no known ozone depleting substances or VOCs. The non-chlorinated, non-flammable, plastic safe formula is an optimal alternative to CFC, HCFC and flammable contact cleaners.

Application:

Electrical connectors, printed circuit boards, relays, switches, scales, timers and other electrical & electronic equipment.



ISOPROPYL ALCOHOL PRECISION CLEANER



A quick drying light-duty precision cleaner for use in industrial, electrical, electronic and aviation applications. Its 99% pure formula aggressively dissolves grease, dust, dirt, lint, oils and flux from most non-plastic surfaces. Recommended for light duty cleaning and degreasing.

Application:

Removal of dirt, adhesives, silicones, anti-oxidation compounds and other contaminants from the semi-conductive cores of high voltage cables when splicing and terminating cables.





INDUSTRIAL DEGREASERS & CLEANERS

LECTRA CLEAN



2018 2020

Quickly and effectively removes grease, oil, tar, dirt, grime corrosion, sludge and other stubborn substances to increase operating efficiency of electric motors and equipment. It offers quick and effective degreasing action, fast evaporation and leaves no residue.

Application:

Energised electrical cleaner.

	Part Number	Container Size	Units per Case
	2018	539g	12
8	2020	539g 3.8l	4
	<mark>КВ</mark> 95		

LECTRA CLEAN II LOW VOC

2120 2121



2

Upon contact it instantly begins to hunt-down, break-up and lift-off heavy deposits of grease, oil and dirt. Non-flammable, safe on most plastics, biodegradable and non-abrasive. Perfect for machinery, motors, concrete and non-porous surfaces. Use caution on soft metals and painted surfaces.

Application:

Electric motors, fusible disconnects, switch-gears, transformers, circuits, insulators, relays, switches, air tools, mechanical brakes, clutches, chains, bearings, generators, compressors, pumps, tools, dies, molds and many other electrical/industrial equipment.

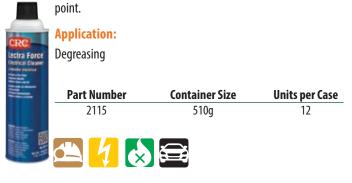


LECTRA FORCE ELECTRICAL CLEANER

2115



Utilises revolutionary technology that combines the power of a high performance degreaser with lower VOCs. It is nonconductive, non-corrosive, non-staining and has no flash or fire



HYDRO-FORCE INDUSTRIAL STRENGTH DEGREASER

1441	4
1441	6
1441	7

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nR()

An aqueous cleaner with the powerful performance of a solvent. Removes heavy deposits of grease, oil & dirt. Biodegradable, concentrated, non-abrasive & non-flammable. Use caution on soft metals & painted surfaces.

Application:

Tools, grills, tyres, engines, drives, motors, shop equipment, lawn equipment, fabric, floors, appliances, vents, tubs, sinks, showers, plastic, fibreglass, canvas, vinyl, pressure washers, vehicle washing, walls, chrome, stainless steel, polished metals, etc.

	Part Number	Container Size	Units per Case
-	14414	510g	12
	14416	3.8l	4
	14417	18.9l	1
	рн 13.15		

NATURAL DEGREASER

14005

NSF CI

A blend of natural citrus and organic solvents that effectively clean and degrease. Leaves no sticky residue.

Application:



Air tools, mechanical brakes, clutches, chains, wire ropes, motors, dies, molds, parts, bearings, generators and compressors.





3250

LEAK DETECTOR



NSF P1

NSE E4

Formulated for the quick detection of gas and air leaks. The water based formula contains no oils, silicones or harmful solvents. Quickly and reliably locates gas leaks and pressure losses in pipes and pressurised systems by forming highly visible bubbles when applied over any leak.

Application:

Refrigeration units, air conditioning systems, exhausts, pipes, valves, screw connectors, welding seams and compressors.



HAND CLEANER TOWELS

Hand Cleaner Towels are powerful yet safe cleaning agents work together with an absorbent, nonscratching abrasive hand cleaning towel. The result is hands that are clean, with a pleasant fragrance.

Application:

Lubricants, tar, sealants, heavy grease, oils, wax, paint, adhesives, ink, caulk, epoxy, and much more.



INDUSTRIAL ADHESIVE REMOVER

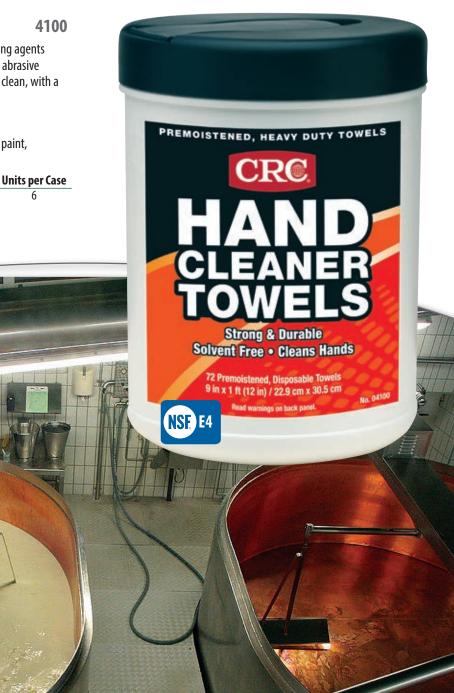


A low VOC, industrial strength adhesive remover specially formulated for quick removal of adhesives. Specially formulated to remove adhesive labels from many substrates.

Application:

Removing labelling from machinery, removing tar from equipment, softening liquid adhesive and adhesive tape residue.





SPECIALITY

The SmartWasher® Bioremediating Parts Washing System

- Non-toxic
- Non-polluting
- Non-corrosive
- Non-flammable
- Non-hazardous

Code 14741

martWasher

SW-437 Mobile Heavy Weight Parts Washer Kit

(1x SW37unit +5 Pails SW4 Fluid + 1x FL 4 Filter)

NSF. A1

Code 14740 SW-423 Mobile Parts Washer Kit

SmartWasher[®]

6

(1x SW23 unit +3 Pails SW4 Fluid + 1x FL 4 Filter)

Ozzu-Inice

and the second

SPECIALITY

OZZYJUICE[®]

OZZYJUICE is a powerful, aqueous based degreasing solution that is pH-neutral, non-irritating, nonflammable, and non-toxic. Armed with superior cleaning capability, the OZZYJUICE solutions will match or surpass the performance of a premium solvent without all the associated risks. All OZZYJUICE solutions are certified by both NSF and AQMD.

THE OZZYMAT

The OZZYMAT traps particulate down to 50 microns in size but more importantly contains OZZYS (microbes). The OZZY microbes, impregnated in the OZZYMAT, are transported along with the OZZYJUICE into the SmartWasher[®] tank. These naturally occurring OZZY microbes eat the grease, oil, and other contaminants cleaned off the dirty parts and create the harmless by-products of carbon dioxide and water.

OZZY® MICROBES

The OZZY Microbes do their job eating the grease, oil and other contaminants, cleaning off the dirty parts, creating the harmless by-products of carbon dioxide and water, leaving the OZZYJUICE clean and strong and ready to use.



OZZY JUICE (Heavy Duty Degreaser Solution)

Code 14148

SW-4 Heavy Duty Solution (19ℓ)

Ozzymat (Filter)

Code 14124

FL-4 Multi-layer filter (4 x filters)

Depending on usage, a pack lasts between 4 - 6 months)

OzzyBooster

Code 14131

A microbial enhancer that can be used to enhance or "boost" microbial activity in the SmartWasher® system — it increases the density of the Ozzy (microbes) within the OzzyJuice.



SmartWasher® Start-up Kit

Code 14741

SW-437 Mobile Heavy weight parts washer Kit (1x SW-37 unit +5 pails SW -4 Fluid + 1x FL Filter)



	COMPARISON CHART	
Details	SW 23 Mobile parts washer	SW 37 mobile heavy- weight parts washer
Overall dimensions	109cm x 68.5cm x 107cm	122cm x 89cm x 114cm
Inside sink dimensions	68.5cm x 58cm x 20cm	84cm x 68.5cm x 20cm
Capacity	57 ℓ (3 units X 19 ℓ)	95 ℓ (5 units X 19 ℓ)
Load Capacity	182 kg	454 kg
Parts Washer Structure	Heavy Duty HDPE	Heavy Duty HDPE
Controls	Toggle Switch	Toggle Switch
Pump Capacity	1 136 LPH	1 136 LPH
Adjustable Thermostat	40 °C to 46 °C	40 °C to 46 °C
Flow control timer	10 minutes	10 minutes
Certified	ETL(UL/CSA), CE, NSF	ETL(UL/CSA), CE, NSF
NSF	A1	A1

ENVIRONMENTALLY PREFERRED PRODUCTS



HYDRO-FORCE ALL PURPOSE DEGREASER

14406



orcl

Instantly begins to hunt-down, break-up and lift-off heavy deposits of grease, oil and dirt. Non-flammable, safe on most plastics, biodegradable and non-abrasive.

Application:

Tools, grills, tires, engines, drives, motors, shop equip, lawn equip, fabric, floors, appliances, vents, tubs, sinks, showers, plastic, fiberglass, canvas, vinyl, pressure washers, vehicle washing, walls, chrome, stainless steel, polished metals, glass.

Part Number	Container Size	Units per Case
14406	510g	12

HYDRO-FORCE GLASS CLEANER



Cuts through dirt, dust, fingerprints and haze deposits. Provides streak-free glass cleaning even on delicate glass surfaces Biodegradable, ready to use.

14412

Application:



HYDRO-FORCE STAINLESS STEEL CLEANER 14424



orce

Exclusive ultra-shine formula eliminates dirt, dust, fingerprints and watermarks. Leaves behind a protective, non-greasy barrier that resists the return of stains.

Application:

Aluminum, chrome, other shiny metal surfaces located in heavily industrial environments, stainless steel.

Fail Start Fault Parent Galaxy a tar-	Part Number	Container Size	Units per Case
	14424	510g	12
		Ê	

To qualify as an Environmentally Preferred Product (EPP):

Each formula will not contain:

- Ozone depleting chemicals
- SARA reportable ingredients
- Any ingredients that are listed as carcinogens
- CA Proposition 65 ingredients
- Hazardous

Each formula will have a minimum of two of these criteria:

- No VOC or low VOC content
- Not classified as a hazardous waste
- Renewable resource
- Biodegradable
- Do not contain nonylphenol
- Do not contain phosphates
- Do not contain heavy metals



Environmentally Preferred Products



30

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CRC_RSA

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