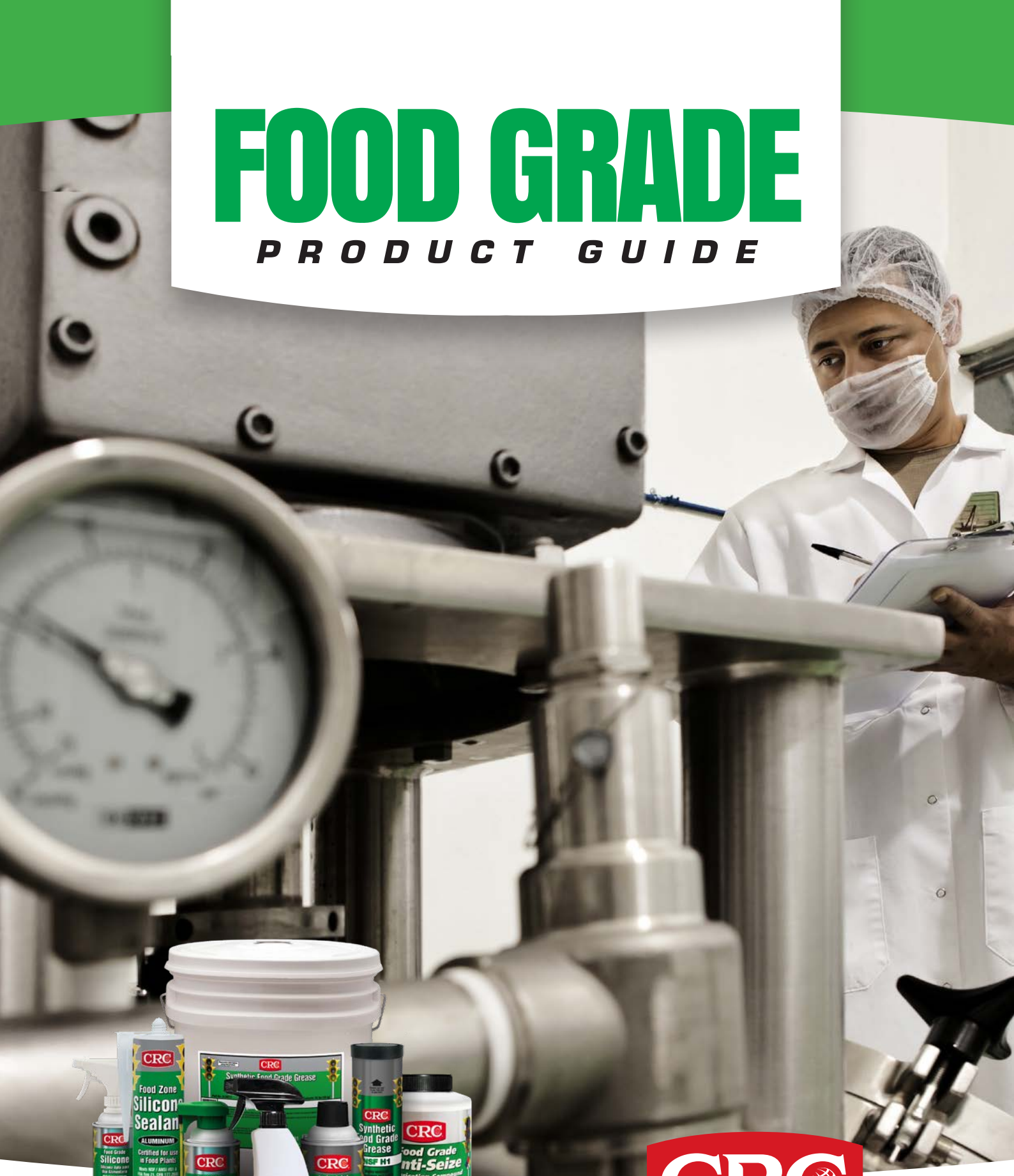


# FOOD GRADE

## PRODUCT GUIDE



***The Professional's Choice***

CRC Industries' food grade range of bulk lubricants, penetrants and oils simplifies audit compliance and protects the users' reputation.



***The Professional's Choice***

## **CRC Industries began in a Pennsylvania garage in 1958 as Corrosion Reaction Consultants with a single product: CRC Corrosion Inhibitor, a multi-purpose lubricant.**

Today, CRC Industries is a global supplier of specialty products, manufacturing over 1,300 items to meet the unique needs of the Industrial, Automotive, Electrical and Hardware markets.

CRC Industries services customers around the world with manufacturing and distribution of our product throughout the Americas, Europe and the Middle East along with the Asia Pacific region.

CRC Industries operates from 26 facilities across the globe.

The CRC product range includes Precision Cleaners, Degreasers, Lubricants, Corrosion Inhibitors, and Sealants. Again and again, more professionals look to CRC for quality products and innovative solutions.

CRC also produces non-flammable and non-chlorinated products for highly regulated and safety driven industries. It also has a range of bioremedial and sustainable products to support changing local and global environmental legislation.

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.

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 quality manufacturing techniques. Lot sampling guarantees you consistent quality and performance.



# FOOD GRADE

## PRODUCT GUIDE

CRC Industries has an extensive range of technologically advanced maintenance, repair and operational products which have been specifically targeted to meet the most stringent conformity of compliance of the food and beverage sector.

CRC's manufacturing of cleaners, lubricants, penetrants and other specialty products meet all performance standards, certified to NSF ISO 21469 and Quality Management ISO 9001.

Continually meeting this standard and gaining recertification reflects our ongoing commitment to quality and consistency.



## Understanding Australian Requirements for more than 50 years

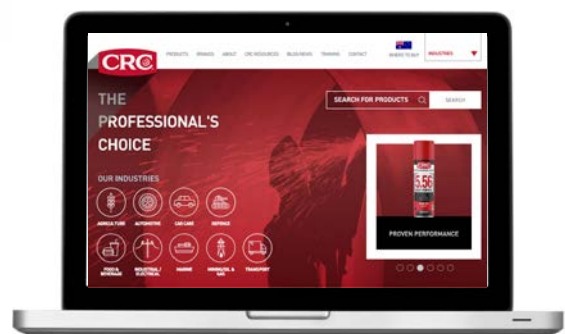
Since 1969, CRC has been manufacturing quality specialty chemical products for the Australian market. On-site manufacturing of products allows control of all production processes, from our in-house R&D team through to shipment of the packaged products.

The CRC team possess the local knowledge and products to achieve optimum results in all applications of ongoing automotive maintenance, service and infrastructure.

## CRC Technical Hub

[WWW.CRCIND.COM.AU](http://WWW.CRCIND.COM.AU)

To see the entire range of CRC Industries products, visit us online where you have ease of access to all our products' SDS, TDS and allergen certificates. We constantly conduct on-going updates to ensure you remain at the highest level of regulatory compliance.





# GREENLIGHT™

## FOOD SAFETY PROGRAM

ASSISTS AUDIT COMPLIANCE



### CONCERNED WITH FOOD SAFETY? LET CRC HELP.

At CRC we understand the food industry, whether growing, producing, and processing or packaging requires the most stringent conformity of compliance.

We also understand that a range of maintenance products is no longer enough, that is why we have not only developed 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.

CRC is a certified supplier of HACCP Australia's endorsed food safe products.

HACCP is an internationally recognised method of identifying and managing risk and, when central to an active food safety programme, can provide vendors, the public and government sector bodies with a high degree of comfort that food safety is being taken seriously and is well managed.

The **CRC GREENLIGHT** Food Safety Program can either simplify or improve on your current QA auditing programs through the introduction of:

- The CRC range of NSF H1 and HACCP approved maintenance products
- On-site central point for audit documentation - SDS, TDS, NSF and allergen certificates
- A visual food safety identification program through wall and cupboard signage, posters and printed materials
- 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



# BULK FOOD GRADE LUBRICANTS AND OILS

*The Professional's Choice*

## HYDRAULIC OILS

NSF H1

Food grade hydraulic products are formulated with USP grade white oils for use in high pressure and high output pumps. Excellent compatibility with elastomers, seals, plastics and paints.

PRODUCT	CRC CODE	PACK SIZE
Food Grade Hydraulic Oil ISO 32	FG04220	18L
Food Grade Hydraulic Oil ISO 46	FG04222	18L
Food Grade Synthetic Hydraulic Oil ISO 68	FG04216	18L

## COMPRESSOR OILS

NSF H1

High quality PAO base oils are used to provide long life in compressors. Typically 6,000 plus service hours in rotary screw compressors.

PRODUCT	CRC CODE	PACK SIZE
Food Grade Synthetic Compressor Oil ISO 32/46	FG04202	18L
Food Grade Synthetic Compressor Oil ISO 68	FG04206	18L
Food Grade Compressor Flush ISO 46	FG04584	18L

## GEAR OILS

NSF H1

PAG Gear Oils are engineered to provide significantly improved wear, oxidation, and lubricity versus PAO and mineral based gear oils. For use in typical industrial applications.

PRODUCT	CRC CODE	PACK SIZE
Food Grade Synthetic Gear Oil ISO 220	FG04232	18L
Food Grade Synthetic Gear Oil ISO 320	FG04236	18L
Food Grade Synthetic Gear Oil ISO 460	FG04242	18L

## CHAIN LUBES

NSF H1

High Temp Synthetic PAG Oils are biodegradable and have much higher load and wear properties than HI White Oils or PAOs.

PRODUCT	CRC CODE	PACK SIZE
Food Grade Chain Lubricant ISO 100	FG04269	18L
Food Grade High Temp Synthetic Chain Lubricant ISO 220	FG04267	18L

## DIRECT CONTACT WHITE OILS

NSF H1

Direct Contact White Oils 3H are purified mineral oils that are edible, colourless, odourless, and tasteless. These products are useful in coating and release applications.

PRODUCT	CRC CODE	PACK SIZE
Direct Food Contact WHITE OIL ISO 22	FG04592	18L



# FOOD GRADE SOLUTIONS

*The Professional's Choice*



## FOOD GRADE WATER BASED SILICONE

CODE - FG03035 PACK SIZE - 369g

NSF H1



Water Based Silicone is 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, metal to non metal & plastic to plastic applications. Water Based Silicone is a silicone rich formula that eliminates binding and sticking, while protecting most surfaces.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Non-hardening film minimises corrosion and provides excellent lubricity.
- Reduces galling and friction.
- Harmless to most rubbers and plastics.

### APPLICATIONS

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



## FOOD GRADE WHITE GREASE

CODE - FG03038 PACK SIZE - 284g

NSF H1



Food Grade White Grease is a high purity, high quality aluminium complex grease that 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, oxidation and wear.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Excellent adhesion resists throw-off and shear breakdown.
- Resistant to water, salt spray and detergent.

### APPLICATIONS

Lubricate hinges, latches, overhead door tracks, open gears and chains, cables, slide conveyors, guide rails and bearings. Also used for corrosion protection for machinery, tools, and equipment.



## FOOD GRADE CHAIN LUBE

CODE - FG03055 PACK SIZE - 340g

NSF H1



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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- 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.

### APPLICATIONS

Conveyor chains, packaging equipment, hoist chains, link and roller assemblies, forklift trucks and many other industrial applications.



## FOOD GRADE BELT DRESSING

CODE - FG03065 PACK SIZE - 284g

NSF H1



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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Tacky, non-drying, water resistant film minimises belt slippage.
- Colourless – will not stain finished goods transported on conveyor systems breakdown.

### APPLICATIONS

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



## FOOD GRADE SILICONE - NON AEROSOL

CODE - FG03039 PACK SIZE - 473ml

NSF H1



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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Harmless to most rubbers and plastics.
- Excellent release agent and lubricant for all surfaces.

### APPLICATIONS

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.



The Professional's Choice



## FOOD GRADE SILICONE

CODE - FG03040 PACK SIZE - 284g

NSF H1



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.

### FEATURES AND BENEFITS

- Low surface tension allows for better coverage and deeper penetration.
- Non-hardening film.
- Excellent protection and lubrication.
- Harmless to most rubbers and plastics.
- 360° valve.

### APPLICATIONS

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.



## FOOD GRADE SYNTHA-TECH LUBRICANT

CODE - FG03054 PACK SIZE - 312g

NSF H1



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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- 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.

### APPLICATIONS

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.



## FOOD GRADE DI-ELECTRIC GREASE

CODE - FG03085, FG03082 PACK SIZE - 94g, 284g

NSF H1



Di-Electric Grease is a thin, non-curing silicone compound that helps maintain electrical performance by reducing line sag, arcing, voltage drops and problems caused by adverse weather conditions. It also provides an exceptional lubricant for fasteners used to support temporary electrical work. It improves electrical performance during adverse conditions such as rain, fog, salt spray and temperature extremes.

### FEATURES AND BENEFITS

- 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.

### APPLICATIONS

O-rings, valves, pistons, gaskets, guides, slide and switching mechanisms, electrical panels, disconnects, electrical contacts, spark plugs, battery terminals, fasteners, scoreboards, transformers, rubber and plastic parts.



## FOOD GRADE SILICONE MOLD RELEASE

CODE - FG03301 PACK SIZE - 326g

NSF M1

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.

### 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.
- Plastic Safe.

### APPLICATIONS

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.



## FOOD GRADE PENETRATING OIL

CODE - FG03086 PACK SIZE - 312g

NSF H1



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 and odourless. Ideal for use on fans, carts, bottlers, conveyors, racks, ovens, stoves and freezers.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- General, non-silicone lubricant for use on all food processing equipment.
- Eases disassembly of mechanical equipment, fittings and fixtures.
- 360° valve.

### APPLICATIONS

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.

# FOOD GRADE SOLUTIONS

*The Professional's Choice*



## FOOD GRADE PARCEL GLIDE - NON AEROSOL

CODE - FG03139 PACK SIZE - 444ml

NSF H1



Parcel Glide™ is an NSF H1 registered, silicone spray for package handling applications. It forms a colourless, odourless, non staining film that lubricates and eliminates the binding and sticking of packages and boxes whilst protecting most surfaces. Parcel Glide™ helps boxes glide down chutes and rails on package handling and sorting conveyors.

### FEATURES AND BENEFITS

- Wide temperature range.
- Low surface tension. Allows for better coverage and deeper penetration.
- Non-hardening film. Minimises corrosion and provides excellent lubricity.
- Reduces galling and friction. Eases metal-to-non-metal contact areas.

### APPLICATIONS

Lubricates and protects in metal to non metal packaging and sorting applications.



## FOOD GRADE MACHINE OIL

CODE - FG03081 PACK SIZE - 312g

NSF H1



An extremely efficient and effective general purpose non-silicone 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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Contains no silicone.
- Will not harm wood, metal, plastic or painted surfaces.
- 360° valve.

### APPLICATIONS

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.



## FOOD GRADE SILICONE GREASE

CODE - FG3037 PACK SIZE - 75ml

NSF H1



Food Grade Silicone Grease is a thin non-curing silicone grease. It insulates valves, electrical contacts, spark plugs, battery terminals and fasteners from moisture and protects against corrosion. It is resistant to oil, water and chemicals and will not harden, freeze, dry or melt.

### FEATURES AND BENEFITS

- Seals, lubricates, protects, insulates and waterproofs.
- Safe on most rubber and plastics.
- Contains no metals.

### APPLICATIONS

Designed for sealing, lubricating and waterproofing o-rings and other rubber and plastic parts used in food processing equipment.



## FOOD GRADE ANTI-SEIZE COMPOUND

CODE - FGSL35905 PACK SIZE - 227g

NSF H1



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 aluminum 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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Odourless, tasteless, non-staining.
- Resists rust and oxidation.
- Convenient brush-top.

### APPLICATIONS

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.

## FOOD GRADE BIO DEGREASER

FG05167 750ml / FG05171 5L / FG05172 20L

**NEW!**

NSF A1

The all new CRC FOOD GRADE BIO DEGREASER is an extra heavy duty cleaner formulated to penetrate and dissolve tough grease, oil and contaminants for easy removal – safely.

### FEATURES AND BENEFITS

- Powerful
- BioDegradable
- Non-toxic
- PH Neutral
- Non-corrosive
- Solvent free
- Non-flammable
- Contains rust inhibitors

### APPLICATIONS

Marine, Janitorial Maintenance, Manufacturing, Public Transit, Restaurant / Kitchen, Hospitality, Health Care and more.







The Professional's Choice

## QD CONTACT CLEANER

CODE - FG03130 PACK SIZE - 311g

NSF H1



CRC QD Contact Cleaner is suitable for cleaning sensitive electronics and electrical equipment without leaving a residue. Evaporates quickly and is safe to use on all plastics. Use where lower flashpoint cleaners are acceptable. NSF Food grade approved.

### FEATURES AND BENEFITS

- Suitable for cleaning sensitive electronics and electrical equipment
- Quick drying formula
- Leaves no residue
- Safe to use on all plastics
- Food grade approved

### APPLICATIONS

Telephones, PCs, relays, edge connectors, busbars, circuits, contacts, printed circuit boards, switches & breakers.

## FOOD GRADE SYNTHETIC GREASE

FGSL35610, FG35611 397g, 16kg

NSF H1



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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Water wash-down resistant.
- Resists rust and oxidation.

### APPLICATIONS

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

## FOOD GRADE MULTI-PURPOSE GREASE

CODE - FGSL35600 PACK SIZE - 397g

NSF H1



A 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.

### FEATURES AND BENEFITS

- NSF H1 registered for incidental food contact.
- Timken OK load of 40lbs.

### APPLICATIONS

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.

## HEAVY DUTY GREASE GUN

CODE - FGSL37019



Heavy Duty Lever Grease is manufactured to suit the 397g Food Grade range of cartridges.

## 12" GREASE GUN FLEX HOSE

CODE - FGSL46022



Unit Dimensions: 15H x 2W x 1D in

## FOOD ZONE SILICONE SEALANT

NSF ANS 51 ANS 169

CRC Food Zone Sealant is a low modulus silicone joint sealant acetic cure. This highly flexible sealant has excellent adhesion to plastics, ceramics, stainless steel, metals and glass. The chemically stable formulations show little change in physical properties after exposure to moisture and temperature extremes. It is specially formulated for use in food clean environments where NSF certification is required. Ideal for refrigerated rooms or household and other commercial uses.

### FEATURES AND BENEFITS

- Economical for large jobs.
- Convenient screw on nozzle.
- Fast dispensing.
- Cures at room temperature.

COLOUR	CODE	SIZE	APPLICATION
WHITE	FZ14082	299mL	Designed for high moisture, indoor/outdoor applications
CLEAR	FZ14083	299mL	Forms a barely visible, watertight seal
GRAY	FZ14087	299mL	Blends in with tanks and sinks to form a watertight seal
ALUMINUM	FZ14088	299mL	Blends in with tanks and sinks to form a watertight seal



# SmartWasher<sup>®</sup>

BIOREMEDIATING Parts Washing System



# BE SAFE BE SMART



## PROTECT YOUR TEAM AND THE ENVIRONMENT

The SmartWasher uses Bio Remediation technology and a proprietary blend of micro-organisms to break down oil and grease into water and CO<sub>2</sub>. This green technology makes parts washing safer for your team and the environment. SmartWasher's self-cleaning process ensures it works at full effectiveness, every time.

The patented system includes three essential components: the parts washer SmartWasher<sup>™</sup>, the powerful water based degreasing solution called OzzyJuice<sup>™</sup> and the microbe impregnated particulate trap called an OzzyMat<sup>™</sup>. The merging of these three remarkable products not only defines the SmartWasher system but also produces one truly amazing parts washer.

### CRC SmartWasher benefits include:

- Solvent free
- pH neutral
- Non hazardous
- No harmful vapours
- Non flammable
- Non toxic
- Non irritating



CRC has experienced sales team members ready to discuss solutions for your parts washing requirements.

Ph 1800 224 227 Email [customerservice.au@crcind.com](mailto:customerservice.au@crcind.com)

[crcind.com.au/smartwasher](http://crcind.com.au/smartwasher)

# GLOSSARY OF TERMS

*The Professional's Choice*

## ASURE QUALITY

Is a world class provider of food safety and biosecurity services to the food and primary production sectors worldwide.

## BIODEGRADABLE

A substance that is capable of being broken down into harmless products by the action of living things. The rate at which compounds may be chemically broken down by bacteria and/or natural environmental factors.

## DIELECTRIC STRENGTH

The minimum electrical gradient that a material can withstand without decomposition usually specified in volts per millimetre of thickness. Also known as the breakdown voltage.

## ELONGATION PERCENT

Directly related to Tensile Strength. Elongation is the deformation that results from the application of a tensile force and is calculated as the change in length divided by the original length.

## FALEX TEST

A method for determining the extreme pressure (EP) or anti-wear properties of oils and greases. Vee blocks (with large "V-shaped notch) are placed on opposite sides of rotating steel shaft, and the apparatus is immersed in the test lubricant. Load is automatically increased until seizure occurs. Measurable wear scars are formed on the blocks.

## FERROUS

Metals related to or containing iron.

## FLAMMABLE

Capable of catching fire easily and burning rapidly.

## FLASH POINT

The lowest temperature of a liquid or solid at which it gives off vapors that will ignite but not continue to burn when a small flame is periodically passed over the surface.

## GALLING

Destructive wear of a metal surface characterised by large chunks of metal being removed.

## HACCP

Hazard analysis and critical control points or HACCP is a systematic preventive approach to food safety from biological, chemical, and physical hazards in production processes that can cause the finished product to be unsafe, and designs measurements to reduce these risks to a safe level.

## ISO

Acronym for International Organisation for Standardisation.

## KB VALUE

The Kauri Butanol (KB) value is a measure of the solvent power of a hydrocarbon liquid. Kauri gum is readily soluble in butanol but insoluble in hydrocarbons. The KB value is the measure of the volume of solvent required to produce turbidity in a standard solution containing kauri gum dissolved in butanol. The higher the KB value, the more powerful the solvent.

## NLGI GRADE

National Lubricating Grease Institute. A numerical scale for classifying the consistency of a particular grease. The most common consistency number is #2. Softer grades, especially #0 and #1, are often used for improved pumpability or low-temperature service. High consistency numbers, #3 through #6 are used for certain high-speed bearings where leakage and sealing are particular concerns.

## NSF 3H

NSF 3H Registered release agent lubricants are certified for direct use on surfaces that come into contact with food.

## NSF H1

NSF H1 registered food grade lubricants are certified for incidental contact with food during processing. They are made specifically with ingredients that pose no danger to humans and animals even if they were to get into the food product.

## NSF MARK

The NSF mark is your assurance that the product has been tested by one of the most respected independent certification organisations in existence today. It is valued by consumers, manufacturers, retailers and regulatory agencies worldwide. The NSF certification mark on a product means that the product complies with all standard requirements. NSF conducts periodic unannounced inspections and product testing to verify that the product continues to comply with the standard.

## NSF RATING

National Sanitation Foundation Registration Program for Proprietary Substances and Nonfood Compounds. Product evaluation is based on formulation and label review. Approved products receive a Letter of Authorisation and are included on the NSF White Book List of Proprietary Substances and Nonfood Compounds.

## PAO

Poly-alpha-olefin (PAO) is a polymer made by polymerisation an alpha-olefin. They are designated at API Group IV and are a 100% synthetic chemical compound. It is a specific type of olefin (organic) that is used as a base stock in the production of some synthetic lubricants.

## PAG

Poly-alpha-olefin (or poly- $\alpha$ -olefin, abbreviated as PAO) is a polymer made by polymerisation an alpha-olefin. They are designated at API Group IV and are a 100% synthetic chemical compound. It is a specific type of olefin (organic) that is used as a base stock in the production of some synthetic lubricants.

## PH

A scale ranging from 0 to 14 used to measure acidity and alkalinity. The lower the number the more acidic; the higher the number, the more alkaline; 7 is neutral.

## PSI

Pound per Square Inch. A unit of pressure equal to the pressure resulting from a force of 1 pound applied uniformly over an area of 1 square inch.

## SUBSTRATE

The surface being cleaned; the substrate may be metal, plastic, ceramic, etc.

## SURFACTANT

A specialised molecule that connects water soluble and water-insoluble groups.

## TENSILE STRENGTH

The strength of different metals to support different loads (masses) before going through the point at which they change from being elastic to being plastic. The tensile strength test measures the elastic and plastic properties of metal.

## TIMKEN OK LOAD

The highest load than can be applied without abrasive wear to a rotating test cup containing a grease sample. The higher the OK number, the better protection a grease provides under severe service. The highest number typically given to any sample is 80.

## USP

USP white oils are highly refined mineral oils which are colourless, tasteless, and odourless. They are especially refined to obtain the highest degree of purity for their use in those applications requiring direct food contact.

## VISCOSITY

The resistance to flow or degree of thickening fluid. Flow requires stress; liquids such as additive-free lubricating oils are known as Newtonian fluids in that shear rate is proportional to the pressure or stress applied.



# PREVENTION. NOT DETECTION™

Exclusively from CRC Industries (Aust) Pty Ltd



## LOCKED IN FOR SAFETY INTEGRATED DESIGN POINTS:

- Secure Spray Straw Locks into Place
- Convenient No-Slip Grip
- Wide Spray in the “Down” Position
- Precision Spray in the “Up” Position
- Useful Catch Curb

Meticulously engineered for performance and durability, CRC's Perma-Lock™ 2-Way Integrated Actuator is the most secure top on the market. Its dual-purpose design gives you the option of a broad spray in the down position, or precision spraying through the convenient locked-in-place straw.

## YOU JUST CAN'T LOSE!™

CRC Industries is a worldwide leader in the production of specialty chemicals for maintenance and repair professionals serving industrial, electrical, aviation, automotive and marine markets. CRC is ISO 9001:2008 certified and adheres to the strictest guidelines for quality in all facets of research, development and production.



***The Professional's Choice***

PH 1800 224 227 [info.au@crcind.com](mailto:info.au@crcind.com)

[WWW.CRCIND.COM.AU](http://WWW.CRCIND.COM.AU)



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/CRC Industries Australia

