



**Ambersil**

# **MRO CHEMICALS FOR FOOD & BEVERAGE PROCESSING, PACKAGING & EQUIPMENT**



**OVER 35 'FG' PRODUCTS IN THE AMBERSIL FOOD PROCESSING SAFE® RANGE:**

- Cleaners • Degreasers • Lubricants • Greases • Oils • Metal Working
- Leak Detection • Anti-Corrosion • Polymer Processing • [www.ambersil.com](http://www.ambersil.com)

**YOUR  
COMPLETE  
CHEMICAL  
SOLUTION**



In Partnership with



ISO  
9001  
Quality  
Management

ISO  
14001  
Environmental  
Management

FM26077

EMS60742





## ABOUT US

**Ambersil has been manufacturing industrial chemicals for professionals for over 70-years and continues to remain at the forefront of maintenance aerosol technology.**

With over 160 products in the range, Ambersil provides engineers with their 'Complete Chemical Solution' with many products backed by industrial, aviation, military, rail and automotive approvals.

- ▶ In-house laboratory facilities & QC
- ▶ Internationally respected brand known for performance, reliability & trust
- ▶ ISO 9001 & 14001
- ▶ Regional account managers for product and service support



See page 4



See page 5

**My Ambersil**

See page 14



See page 19

# Ambersil

**YOUR  
COMPLETE  
CHEMICAL  
SOLUTION**

# CONTENTS

<b>LUBRICANTS</b>	MACHINE OIL FG	8
	CHAIN LUBE FG	8
	DRY PTFE LUBE FG	8
	SILICONE FG	8
	PENETRATING OIL FG	9
	BELT DRESSING FG	9
	ASSEMBLY PASTE FG	9
	FOOD GREASE FG	9
	AMBERGREASE FG1	10
	AMBERGREASE FG2	10
	AMBERGREASE FG3	10
	HI-LOAD LUBE FG	10
	MOISTURE REMOVER FG	12
<b>OILS</b>	3H OIL FG	11
	LUBRICATING OIL “LO” FG	11
	HYDRAULIC OIL FG	11
	GEAR OIL FG	12
	MULTI-OIL FG	12
<b>METAL CUTTING</b>	TUFCUT	12
<b>GAS LEAK DETECTION</b>	LEAK DETECTOR	12
<b>PACKAGING &amp; POLYMER PROCESSING</b>	SILICONE RELEASE FG	13
	NON-SILICONE RELEASE FG	13
	CLEAR MOULD PROTECTIVE	13
	BLUE MOULD PROTECTIVE FG	13
<b>CLEANERS &amp; DEGREASERS</b>	AMBERCLENS FG	15
	DEGREASER FG	15
	STAINLESS STEEL CLEANER FG	15
	INDUSTRIAL DEGREASER FG	15
	AMBERKLENE FG	16
	SOLVENT CLEANER FG	16
	LABEL & ADHESIVE REMOVER FG	16
	SUGAR REMOVER & INHIBITOR FG	16
	UNIVERSAL SCREEN CLEANER	17
	CONTACT CLEANER FG	17
	AIR DUSTER /2	17



# NSF REGISTERED PRODUCTS

## WHY USE NSF REGISTERED PRODUCTS

The Ambersil “Food Processing Safe” product range is fully NSF registered, for proven risk reduction.

See the product category ‘traffic-light’ icon in the product modules for guidance.



**GREEN** – Safest, use in all areas

**AMBER** – Safe, use in all areas, with caution

**RED** – Safe, control measures required

## NSF EXPLAINED

NSF is an abbreviation for the National Sanitation Foundation, which is a global provider of public health and safety risk management solutions to companies, governments and consumers. Product evaluation is based upon formulation and label review with compliant receiving a letter of authorisation detailing application use.

- [www.nsf.org](http://www.nsf.org)

## NSF CATEGORIES

- D2** Surface sanitising, for use in all areas, and not requiring a rinse
- H1** Lubricant suitable for use with incidental food contact
- 3H** Lubrication, release agent, and anti-corrosion oil suitable for use in all areas and with direct to food contact
- M1** Mould release agent on mould that are used to produce packaging material that will contact food
- A1** A general cleaner for use in all areas
- A7** Metal cleaner and polish for use in all areas
- A8** Degreaser or carbon remover in all areas
- H2** Lubricant suitable for use in all areas, no food contact
- K2** Solvent degreaser for electronics, for use in all areas
- K3** Adhesive and glue remover, suitable for use in all areas
- P1** General cleaner for use in all areas, with caution
- C1** Cleaner for use in non-food processing areas
- K1** A cleaner/degreaser for use in non-food processing areas





# PREVENTION. NOT DETECTION.™



Available from Ambersil

## LOCKED IN FOR SAFETY

### INTEGRATED DESIGN BENEFITS:

- Secure spray straw locks in place
- Non-slip grip
- Traditional spray in the “down” position
- Precision application in the “up” position
- Useful catch curb - prevents oily can

Perma-Lock® is a unique, non-detachable spray system with dual position spray.

There are no detachable pieces that can fall off, leading to contamination of goods and exposing food manufacturers and processors to costly recalls.

Perma-Lock® reduces the need for expensive x-ray or metal detection equipment:

**preventing loss** is better than **detecting loss**.

## You Just Can't Lose!™

# Ambersil

[www.ambersil.com](http://www.ambersil.com)

[@AmbersilMRO](https://twitter.com/AmbersilMRO)

[sales.uk@ambersil.com](mailto:sales.uk@ambersil.com)



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# HOW TO READ A MODULE

## PRODUCT IMAGE

Clearly shows what the actual product looks like, for easier recognition

## PRODUCT NAME

International product name, as displayed on the front of the product

## APPLICATION TEXT

Example(s) of how and where the product can be used. The bullet points emphasise a selection of the key features

## NSF CATEGORY

The traffic light icon references the GREENLIGHT™ food safety system (see page 4 & 19), it displays the NSF category code for application use criteria



**MACHINE OIL FG**

**FOOD PROCESSING SAFE**

**Perma-Lock**  
2-WAY INTEGRATED ACTUATOR

NSF CATEGORY **H1**

**NSF H1 GENERAL PURPOSE LUBRICANT**

For use in the food industry as a highly effective metal-to-metal lubricating film.

- NSF H1 registered (N°137999 & 140249)
- Formulated using only food grade acceptable components
- Creates a highly effective lubricating and anti-friction film
- Can be used as an anti-corrosion coating for metal parts in high humidity conditions
- Operational Temperature range: -18°C to +120°C

**MATERIALS COMPATIBILITY**

LUBRICITY

TEMP. RESISTANCE

FILM VISCOSITY



**30247**

**30255**



## ATTRIBUTE GRAPHS

The attribute graphs have been developed to be used as a simplified guide for comparing the key attributes of products, aiding product selection

## 360° SPRAY SYSTEM

A selection of our products are equipped with our 360° Spray System. This allows for application from all angles without effecting the performance of the product

## PACK SIZE / PRODUCT CODES

Products are often available in multiple fill sizes, from aerosols to larger bulk packs. These product fill icons indicate the fill size and container type along with the relevant product code for each variant

## QR CODE


Scan with a smart phone or digital device with Internet access to view datasheets, compliance letters, and product videos

## Misrepresentation Act 1967 - Trade Descriptions Act 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

# CHOOSING THE CORRECT LUBRICANT

## LUBRICANT PRODUCT SELECTOR

Product Type	Application Requirement	Type of Duty	Recommended Product	Page
Multi-Purpose	General Lubricant	Medium	MACHINE OIL FG	8
		Light	MOISTURE REMOVER FG	12
PTFE Lubricants	Wet-Film	Chain Lubricant	CHAIN LUBE FG	8
	Dry Film		DRY PTFE LUBE FG	8
Silicone Lubricants	General Lubricant		SILICONE FG	8
	Release Agent		SILICONE RELEASE FG	13
Greases	Hi-Load	400Kg 4-ball weld	HI-LOAD LUBE FG	10
	General Purpose	200Kg 4-ball weld	AMBERGREASE FG1	10
	High Temp	180Kg 4-Ball weld	AMBERGREASE FG2	10
	General Purpose	120Kg 4-Ball weld	AMBERGREASE FG3	10
		120Kg 4-Ball weld	FOOD GREASE FG	9
Anti-Seize & Penetrating Oils	Food Grade Anti-Seize		ASSEMBLY PASTE FG	9
	Traditional Penetrating Oil		PENETRATING OIL FG	9
Chains, Gears, Wire Rope, Drive & Belt Lubricants	PTFE Chain Lubricant		CHAIN LUBE FG	8
	Drive Belts & Conveyors		BELT DRESSING FG	9
Bulk Oils	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
<div> <div>⊕</div> <div>Viscosity</div> <div>⊖</div> </div> 	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11
	Fully Synthetic Oils	Semi-Synthetic Oils	Mineral Oils	11
				11
				11

## FOOD PACKAGING & MOULD RELEASE

Product Type	Type of Duty	Recommended Product	Page
Release Agent	General Release	SILICONE RELEASE FG	13
		NON SILICONE RELEASE FG	13
Anti-Corrosion	Long Term, Indoor	BLUE MOULD PROTECTIVE FG	13
		CLEAR MOULD PROTECTIVE	13
Cleaner	Medium	SOLVENT CLEANER FG	16



# PERMA-LOCK - H1 LUBRICANTS



MATERIALS COMPATIBILITY  
LUBRICITY  
TEMP. RESISTANCE  
FILM VISCOSITY

## MACHINE OIL FG



NSF CATEGORY

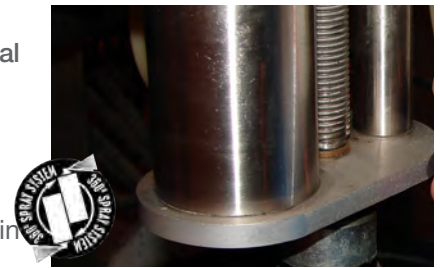
H1



### NSF H1 GENERAL PURPOSE LUBRICANT

For use in the food industry as a highly effective metal-to-metal lubricating film.

- NSF H1 registered (No.137999 & 140249)
- Formulated using only food grade acceptable components
- Creates a highly effective lubricating and anti-friction film
- Can be used as an anti-corrosion coating for metal parts in high humidity conditions
- Operational Temperature range: -18°C to +120°C



30247



30255



MATERIALS COMPATIBILITY  
LUBRICITY  
TEMP. RESISTANCE  
FILM VISCOSITY

## CHAIN LUBE FG



NSF CATEGORY

H1



### FOOD GRADE PTFE CHAIN LUBRICANT

Ideal for all types of chains and chain driven drive systems. The addition of PTFE to the lubricant enhances long-term chain lubrication.

- NSF H1 registered (No.137998 & 143144)
- Gentle foaming action helps lubricant cling to chains and penetrate deep into links
- Leaves a tenacious, long lasting lubricating and anti-corrosion film
- Operational Temperature range: -15°C to +175°C
- Bulk version is not suitable for narrow bore or remote lubrication systems (for this application, see page 11 for Gear Oil Super FG)



30245



30278



MATERIALS COMPATIBILITY  
LUBRICITY  
TEMP. RESISTANCE  
FILM VISCOSITY

## DRY PTFE LUBE FG



NSF CATEGORY

H1



### NSF H1 REGISTERED DRY LUBRICANT

A fine, dry PTFE lubricant for the general lubrication of moving parts where an oily or silicone lubricant cannot be used.

- NSF H1 registered (No.139899).
- Excellent materials compatibility
- Deposits a dry, non-staining film of pure PTFE
- The dry film is unaffected by oil and solvents
- Operational Temperature range: -100°C to +200°C



31589



MATERIALS COMPATIBILITY  
LUBRICITY  
TEMP. RESISTANCE  
FILM VISCOSITY

## SILICONE FG



NSF CATEGORY

H1



### NSF H1 REGISTERED SILICONE LUBRICANT

Use where friction reduction is required particularly plastic-to-plastic components, on guide rails or as a label adhesive anti-stick treatment to dramatically reduce label adhesive build-up.

- NSF H1 registered (No.138000)
- Excellent general lubrication with a relatively dry film
- Eliminates sticking, squeaking and binding
- Operational Temperature range: -40°C to +200°C
- Use on high-speed bagging lines and on chutes/slides
- Dry film ensures no product contamination

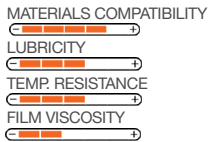


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# PERMA-LOCK - H1 LUBRICANTS



## PENETRATING OIL FG



NSF CATEGORY

H1



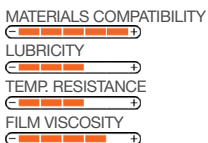
### FOOD GRADE PENETRATING OIL

For use in the food & beverage industry on fasteners seized by heat, corrosion, over-tightening and contamination.

- NSF H1 registered (No.140260)
- Spray on, allow to penetrate, and remove seized fasteners without damaging the head, thread or risk shearing
- Does not contain silicone
- Safe for use on all metals



30256



## BELT DRESSING FG



NSF CATEGORY

H1



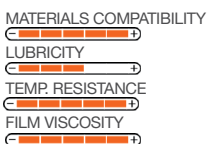
### ADHESIVE BELT LUBRICANT

Improves grip on all types of belts whilst reducing squeak and prolongs belt service life.

- NSF H1 registered (No.140257)
- Works on all types of belts: vee, flat, toothed, rubber, leather and fabric
- Protects belt from deterioration through oxidation and heat
- Tacky lubricating film increases belt pulling power and does not fling off



30257



## ASSEMBLY PASTE FG



NSF CATEGORY

H1



### ANTI-SEIZE & ASSEMBLY COMPOUND

Use in the same manner as a traditional Copper Anti-Seize on fasteners, or as a running-in compound for bearings. The non-metallic solids content make this product suitable for use in the food industry.

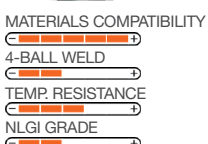
- NSF H1 registered (No.138266 & 139900)
- Prevents seizure of threaded components enabling easy and quick dismantling
- Operational Temperature range: -30°C to +1100°C



31587



31586



## FOOD GREASE FG



NSF CATEGORY

H1



### MULTI-PURPOSE SPRAY GREASE

Formulated for use in the food and beverage industry on plain bearings, hinges and moving parts. Particularly for limited access areas where regular grease penetration may be difficult.

- NSF H1 registered (No.140258)
- NLGI type 2 white grease, aluminium complex thickened
- Excellent resistance to moisture with very low water wash-out
- Operational Temperature range: -20°C to +140°C



30259



# H1 LUBRICANTS



## AMBERGREASE FG1



NSF CATEGORY

H1



### HIGH PERFORMANCE FOOD GRADE GREASE

A high performance multi-purpose grease suitable for all bearing types and use at low temperatures. It demonstrates enhanced performance characteristics in moist or wet environments.

- NSF H1 Registered (No.138264)
- White, NLGI type 2, aluminium complex thickened grease
- Very good load performance: 4-ball weld load >200Kg
- Very low water-washout <1%
- Operational Temperature range: -50°C to +165°C



31584

32451



MATERIALS COMPATIBILITY

4-BALL WELD

TEMP. RESISTANCE

NLGI GRADE



## AMBERGREASE FG2



NSF CATEGORY

H1



### HIGH TEMPERATURE BEARING GREASE

For use in the food/beverage industry on all types of plain bearings subjected to elevated temperatures such as on oven conveyors, oven fan bearings, bakery lines, autoclaves, and food container moulding machines.

- NSF H1 registered (No.138265)
- Translucent NLGI type 2 silicone grease
- Shell 4-ball weld load (IP 239): 180Kg
- Operational Temperature range: -20°C to +220°C



31585



MATERIALS COMPATIBILITY

4-BALL WELD

TEMP. RESISTANCE

NLGI GRADE



## AMBERGREASE FG3



NSF CATEGORY

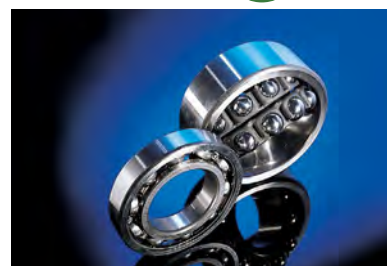
H1



### NSF H1 MULTI-PURPOSE BEARING GREASE

A multi-purpose grease that is ideally suited to general bearing lubrication not subjected to extremes of operating requirements.

- NSF H1 registered (No.140248)
- NLGI type 2, translucent grease; aluminium complex thickened
- Ideal for end-of-line conveyor lubrication and low-load drive motor bearings
- Operational Temperature range: -20°C to +140°C



30258



MATERIALS COMPATIBILITY

4-BALL WELD

TEMP. RESISTANCE

NLGI GRADE



## HI-LOAD LUBE FG



NSF CATEGORY

H1



### NSF H1 HEAVY DUTY BEARING GREASE

Use on heavily loaded bearings and sliding surfaces (e.g. guide rails) to minimise friction and wear.

- NSF H1 registered (No.143048)
- Excellent load-bearing: 4-ball weld load >400Kg
- Excellent moisture resistance with very low water washout
- NLGI type 2, white, aluminium complex thickened grease
- Operational Temperature range: -40°C to +180°C
- Available in 18Kg



31966

32508



MATERIALS COMPATIBILITY

4-BALL WELD

TEMP. RESISTANCE

NLGI GRADE



# H1 LUBRICANTS

## 3H OIL FG



NSF CATEGORY



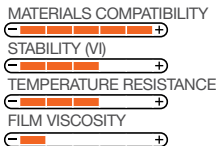
### FOOD CONTACT OIL

3H Oil FG is a lubricating and release oil that can be used in applications where direct food contact is likely or certain. The light oil can be used as an anti-corrosion treatment on metal surfaces, tools, and equipment, as a release agent on bakery tins & moulds or as a light lubricant for mixing blades.

- NSF 3H & H1 registered (No.148343)
- Light oil seals out moisture and helps prevent corrosion
- Non-tainting, non-staining and clear
- Operational Temperature range: -5°C to +120°C



32326



## 'LO' OILS FG



NSF CATEGORY



### H1 REGISTERED, SEMI-SYNTHETIC, MULTI-PURPOSE OILS

Lubricating & Gear Oils "LO" FG have good anti-corrosion properties, excellent material compatibility, good foam control characteristics and high shear force stability. Available in a range of viscosities.

Viscosity @ 40°C:	32	68	100	220	460
NSF H1 Reg:	143789	143794	143788	143792	143791
Temperature Range:	-21°C to +170°C	-21°C to +200°C	-18°C to +215°C	-12°C to +230°C	-18°C to +230°C
Viscosity Index (VI):	105	105	105	116	121
Fill & Code:					



32103



32104



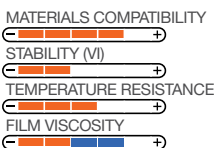
32105



32107



32108



## HYDRAULIC OIL 'SUPER' FG



NSF CATEGORY



### NSF H1 REGISTERED HYDRAULIC OIL

A highly stable, effective hydraulic fluid for use in the food industry. Satisfies demands of hydraulic fluids DIN 51524/T2. Can also be used as a compressor oil (ISO 32).

Viscosity @ 40°C:	32	46	68
NSF H1 Reg:	No.142717	No.142716	No.142714
Temperature Range:	-57°C to +238°C	-57°C to +252°C	-57°C to +260°C
Viscosity Index (VI):	142	145	141
Fill & Code:			



30265



30266



30267



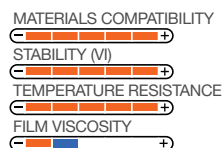
30268



30270



30271



## GEAR OIL 'SUPER' FG



NSF CATEGORY



### NSF H1 REGISTERED GEAR OIL 'SUPER' FG

A transparent, odourless gear oil based on Polyalphaolefins. These gear oils provide high EP and anti-wear performance, meeting DIN 51 517 standard. Gear Oil 'Super' 320 FG may be used as a chain lubricant.

Viscosity @ 40°C:	150	220	320
NSF H1 Reg:	No.142715	No.142721	No.142720
Temperature Range:	-56°C to +256°C	-51°C to +258°C	-48°C to +264°C
Viscosity Index (VI):	137	140	142
Fill & Code:			



30272



30273



30274



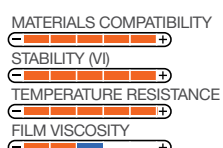
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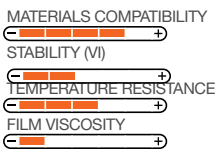
# LUBRICANTS

## MULTI-OIL FG



NSF CATEGORY

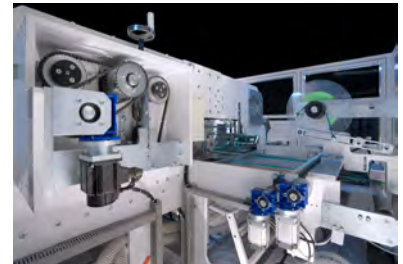
H1



### NSF H1 REGISTERED MULTI-OIL

Suitable for use as a general purpose bulk lubricant. Can be used in hydraulic systems (oil viscosity 32 or 46) and as a light duty anti-corrosion coating for transport of equipment and components.

- Can be used in mineral oil hydraulic systems and as a multi-purpose oil for general lubrication
- Viscosity Index: 105
- Operational Temperature range: -21°C to +170°C



(32) 30261

(46) 30263

(32) 30262

(46) 30264

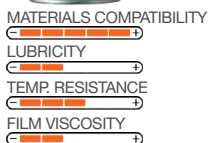


## MOISTURE REMOVER FG



NSF CATEGORY

H2



### NSF REGISTERED DEWATERING FLUID

For use on equipment to displace moisture, particularly after wash-down. Ideal for use on electronics.

- NSF H2 registered (No.142299)
- Prevents corrosion by displacing water from affected areas
- Operational Temperature range: -50°C to +120°C



30260

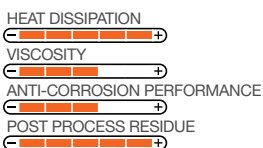


## TUFCUT



NSF CATEGORY

H2



### NSF H2 REGISTERED CUTTING FLUID

A ready to use metal working lubricant.

- NSF H2 registered (No.147110)
- Improves heat dissipation and prevents chip welding
- Prolongs drill tool life and improves cut quality
- Ideal for use on machinery that cannot be removed to the engineers workshop



31579

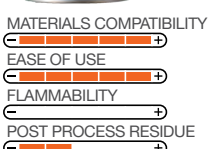


## LEAK DETECTOR



NSF CATEGORY

P1



### WATER BASED GAS LEAK DETECTOR

Highly visible and easy to use gas leak detector for pipe and joints. Ideal for HVAC installations.

- Water-based formulation with no oils, silicone, solvents and no 'run-off' hazards
- Non-flammable and odourless
- Oxygen system safe
- Meets BS EN 14291:2004, and can be used for VOSA MOT testing



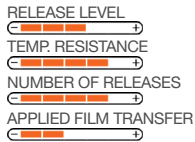
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31781





# POLYMER PROCESSING & PACKAGING



## SILICONE RELEASE FG



NSF CATEGORY

M1



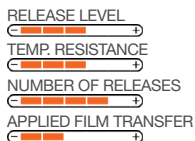
### FOOD GRADE SILICONE RELEASE AGENT

A high purity silicone release agent for packaging and moulding operations within the food/beverage sector.

- NSF registered M1 (No.149686)
- Suitable for use as a mould release agent and packaging machine anti-stick oil where the finished article will have direct to food contact
- Maximum Operational Temperature : +200°C
- Totally clean, clear, and non-staining 'wet' film



32454



## NON-SILICONE RELEASE FG



NSF CATEGORY

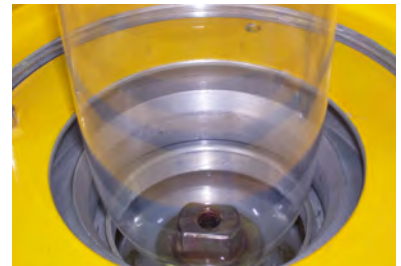
M1



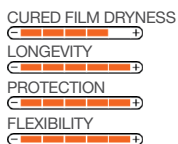
### FOOD GRADE NON-SILICONE RELEASE AGENT

A non-silicone release agent with NSF registration for use in the food/beverage industry as a packaging release.

- NSF registered M1 (No.149689)
- Use on food packaging which is intended for direct food contact such as plastic containers and sandwich boxes
- Will not interfere with post moulding operations such as bonding and labeling
- Operational Temperature to +170°C



32446



## CLEAR MOULD PROTECTIVE



NSF CATEGORY

H2



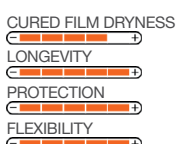
### TRANSPARENT CORROSION INHIBITOR

Use on moulds as a long-term protective during storage. Now with NSF registration for use on food/beverage packing mould tools.

- Displaces moisture leaving a durable, non-greasy protective film
- NSF H2 registered (No.149688)
- Will not stain or mark the mould; suitable for use with white and transparent polymers
- Easily "moulded off" when production recommences
- Waxy film allows handling and resists acid finger marks



31547



## BLUE MOULD PROTECTIVE FG



NSF CATEGORY

H2



### HIGHLY VISIBLE CORROSION INHIBITOR FOR FOOD PACKAGING

A waxy, long lasting coating for mould tools and dies which is NSF registered for use in the food/beverage sector.

- Non-silicone corrosion inhibitor for injection moulding tools
- NSF H2 registered (No.149685)
- Ideal for long-term storage of mould tools, dies, and jigs
- Highly visible blue dye provides an easy visual method for ensuring complete coverage
- Easily moulded off once production recommences



32449



# CHOOSING THE CORRECT CLEANER

Product Type	Application Requirement	Type of Duty	Recommended Product	
Maintenance & Component Degreasing	Water-Based Degreaser	→	DEGREASER FG	15
	Solvent Based	→ Powerful, Fast Evaporation	INDUSTRIAL DEGREASER FG	15
		→ Controlled Evaporation	AMBERKLENE FG	16
		→ Low Odour	SOLVENT CLEANER FG	16
General & Post-Maintenance Cleaning	Multi-Purpose	→	AMBERCLENS FG	15
	Stainless Steel	→	STAINLESS STEEL CLEANER FG	15
	Touch Screens	→	UNIVERSAL SCREEN CLEANER	17
Specialist Applications	Remove Labels & Adhesive Build-Up	→	LABEL & ADHESIVE REMOVER FG	16
	Remove Sugary Deposits	→	SUGAR REMOVER & INHIBITOR FG	16
Electronics Maintenance	PCB & Electrical Contact Cleaning	→	CONTACT CLEANER FG	17
	Loose Dry Contaminant Removal	→	AIR DUSTER / 2	17

## My Ambersil



### Automatic datasheet updating

A service offered to Ambersil end-users and distributors as a means to automate the task of updating Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS), reducing the burden on staff having to remember, schedule, and undertake this HSE requirement.

Ambersil safety data sheets are available in up to 31 languages through the website [www.ambersil.com](http://www.ambersil.com)

A unique service making compliance easy!

- 24/7 availability on-line
- Removes the potential to 'forget' to check for updates
- Saves time & easy to use
- Legislation changes frequently; do you always know when it has?
- Receive updates automatically
- All information held securely
- Register up to four email addresses; keeps all key personnel informed



# CLEANERS & DEGREASERS



## AMBERCLENS FG



NSF CATEGORY



### FOOD GRADE FOAM CLEANER

Developed for general cleaning in the food industry. Use to remove general grime and soiling from machinery.

- NSF A1 registered (No.137995)
- Stable, non-dripping foam helps break down soiling for effective cleaning
- Cleans equipment, metal parts, and machinery
- Biodegradable

MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



30241



## DEGREASER FG



NSF CATEGORY



### NSF A1 WATER BASED DEGREASER

Use to degrease components when a regular solvent degreaser cannot be used. Formulated specifically for use in the food/beverage industry for risk reduction.

- NSF A1 registered (No.137997)
- Readily biodegradable
- Effective in both hot and cold water
- Use on gearbox housing, hydraulic systems, large panels, and even walls and floors
- Concentrated for convenience and economy
- Non-flammable

MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



30243



## STAINLESS STEEL CLEANER FG



NSF CATEGORY



### DUAL ACTION CLEANER AND POLISH

For use on all types of stainless steel and other 'shiny' surfaces to remove light oils, fingerprints, and water marks.

- NSF A7 and C1 registered (No.138212)
- Dual action: cleans and polishes in one application
- Dense foam allows use on vertical surfaces without dripping
- Leaves an invisible, non-greasy film for lasting shine
- Ideal post-maintenance cleaner

MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



30249



## INDUSTRIAL DEGREASER FG



NSF CATEGORY

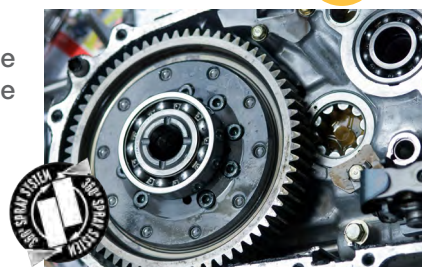


### HEAVY DUTY, FAST EVAPORATING SOLVENT

Formulated for use in the food/beverage industry to tackle 'difficult' degreasing applications. Excellent general purpose solvent degreaser.

- NSF A8 and K1 registered (No.140255 and 140250)
- Powerful flushing action with superior wetting properties ensures excellent results
- Zero residue

MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



30251



30252



# CLEANERS



## AMBERKLENE FG



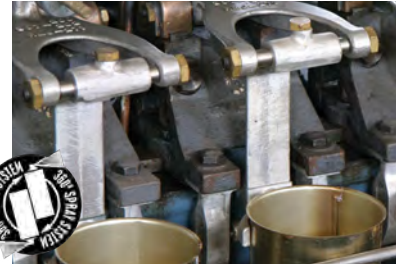
NSF CATEGORY



### BIODEGRADABLE SOLVENT DEGREASER

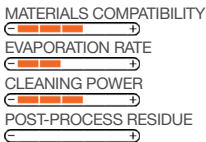
A medium/slower evaporation solvent degreaser for use in the food/beverage sector. Use to remove grease and oils from bearings, housings, conveyor drives, chains and even wax-based anti-corrosion coatings.

- NSF A8 and C1 registered (No.137996 and 140261)
- Higher flash point of +40°C for application safety



30242

30250



## SOLVENT CLEANER FG



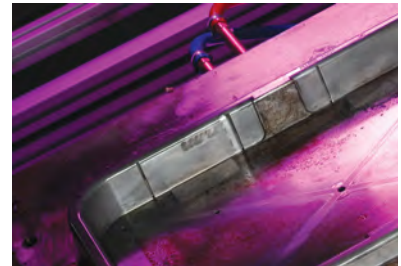
NSF CATEGORY



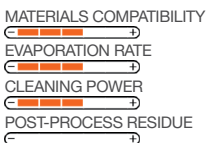
### LOW ODOUR SOLVENT DEGREASER

Use for the general degreasing of mould tools, bearings, and equipment in the food and beverage sector.

- NSF K1 registered (No.149687)
- Minimal odour
- Cuts through oils, grease residues, mould release agents, polymer residues, and anti-corrosion coatings
- Zero residue
- Good materials compatibility



32448



## LABEL & ADHESIVE REMOVER FG



NSF CATEGORY



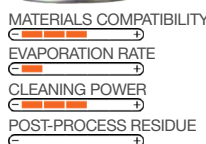
### FOOD GRADE LABEL & ADHESIVE REMOVER

Use for the removal of packaging and transport labels from shipping containers, plastic boxes, and bulk storage (intermediate) drums.

- NSF K3 registered (No.140259)
- An optimum blend of solvent and citrus active ingredients penetrates paper labels rapidly
- Use on packaging lines to remove label & adhesive build up
- Minimises the requirement for scraping



30254



## SUGAR REMOVER & INHIBITOR FG



NSF CATEGORY



### CLEANER FOR SUGAR DEPOSIT REMOVAL

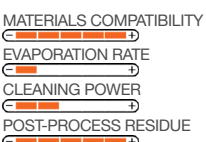
Highly effective thin cleaning fluid that penetrates and lifts sugar, fondant, plant sugar extracts, and sugar derivatives from equipment surfaces.

- NSF H1 registered (No.144180)
- Formulated using only food grade acceptable components
- Leaves a light lubricating film that inhibits re-adhesion for easier clean-down
- Helps reduce scraping and improves equipment performance



32082

31590







## UNIVERSAL SCREEN CLEANER



NSF CATEGORY



### FOAMING VDU SCREEN CLEANER

Removes finger-marks and contamination from visual display units (VDU's) such as LCD monitors and production control screens. Ideal for cleaning thermal imaging camera screens.

- Can be used on most screen types (LCD, TFT, Plasma, etc.)
- Exceptionally economical in use
- NSF P1 registered (No.147407)



30236



MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



## CONTACT CLEANER FG



NSF CATEGORY



### FOOD GRADE ELECTRICAL CONTACT CLEANER

Designed for electrical component maintenance in the food industry, particularly for on-line production electrics and similar delicate equipment.

- NSF K2 Registered (No.139627)
- Use to remove grime and contamination from PCB's and electronics
- Reduces voltage drop due to contamination
- Non-corrosive and non-conductive



31588



MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE



## AIR DUSTER /2



NSF CATEGORY



### NON-FLAMMABLE DUSTER FOR ELECTRONICS

A high pressure, inert, liquefied gas that safely removes dust and loose debris with a powerful 'air' jet. Helps prevent electronic component errors or downtime.

- NSF K2 Registered (No.157081)
- Safe for use on all surfaces, electronic components, and sensors
- Does not contain CFC's, HFC's, and is non-ozone depleting
- Powerful blast easily displaces loose contamination
- Non-flammable (directive 2008/47/EC) & zero odour in use
- GWP of just 6



33181
























MATERIALS COMPATIBILITY  
EVAPORATION RATE  
CLEANING POWER  
POST-PROCESS RESIDUE

# AUDIT COMPLIANCE

GREENLIGHT® has been developed to reduce the potential risk of using incorrect maintenance chemicals in a food/drink processing facility. Seamlessly integrating with existing HACCP infrastructure, GREENLIGHT® - ‘the Food Safety System’ – provides a simple colour coded visual guide to which products can be used and where. See the table below for examples where GREENLIGHT® may help:

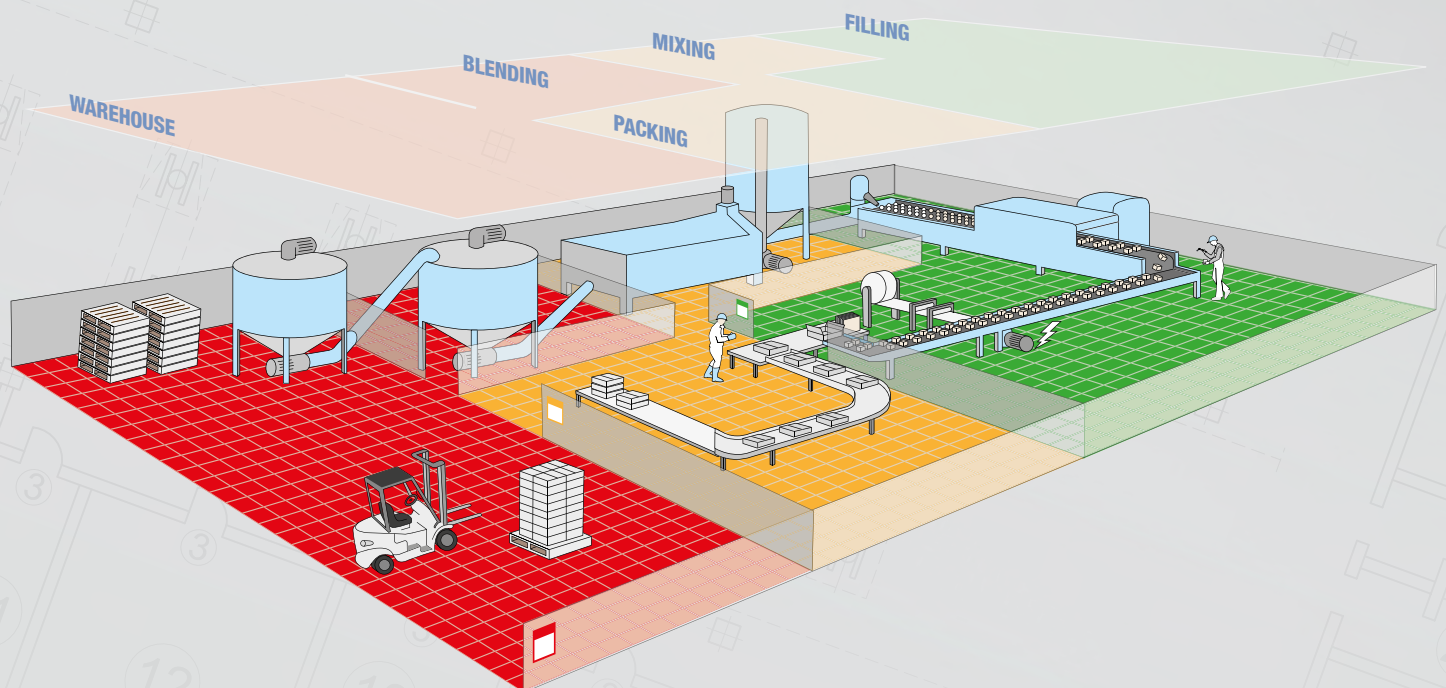
“ Using GREENLIGHT® demonstrates a commitment to risk reduction from potential product contamination during processing. Specific production facility audits will look for chemical and maintenance controls. ”

BRC Issue 7	Summary	
1.1.2	Senior management shall maintain and improve safety of products manufactured	
1.1.6	Management system in place for updates to materials	
2.1	HACCP cross-departmental safety team	
2.2.1	HACCP: establish control programmes	
2.5.1	Zone Segregation	
2.7.3	HACCP food safety team shall consider control measures	
2.8.1	Critical Control Points (CCP) identified and managed	
2.13.1	Documentation and record keeping for HACCP	
3.5.2.2	Documented approval of suppliers	
3.5.3.1	Contractual agreements ensure risk minimisation with suppliers	
4.3.3	Contractors to be supervised with special reference to hazards	
4.3.4; 4.3.5; 4.3.6	Low-risk, High-care, High-risk areas: procedures in place for minimising contamination	
4.7.4	Product is not jeopardised during repairs	
4.7.5	Materials used in maintenance shall be segregated	
4.7.6	Materials used in maintenance shall be food grade	
4.9.1.1	Processes in place to manage non-food chemicals	
4.10.1.1	Detection or removal of foreign bodies	
4.10.1.4	Instigate preventative action to reduce (re)occurrence of contamination by foreign bodies	
4.10.3.1	Absence of detection equipment shall be based on an alternative, more effective method	
5.2.1	Allergen control	
5.2.3	Documented allergen risk	





## CHEMICAL CONTROL THROUGH COLOUR CODING



- ✓ **AUDIT COMPLIANT**
- ✓ **EASY TO UNDERSTAND**
- ✓ **INTEGRATES WITH EXISTING HACCP**
- ✓ **HELPS PREVENT CONTAMINATION RISK**
- ✓ **BASED ON PROVEN NSF CATEGORIES**
- ✓ **UNIQUE, TRUE ADDED-VALUE SYSTEM**

GREENLIGHT® is based on the well-known and respected NSF (nsf.org) category codes in conjunction with user-defined risk audits. This highly visual facility zoning system is simple to implement and easy to understand.

GREENLIGHT® seamlessly integrates with existing HACCP infrastructure, providing a simple colour coded visual guide to identify which products can be used, and where. Simple to implement and easy to understand.

GREENLIGHT® assists with elements of the common supermarket and BRC audits that already call for maintenance chemical control; GREENLIGHT® takes these criteria and offers a verifiable solution for the audit check-list.

**YOUR  
COMPLETE  
CHEMICAL  
SOLUTION**



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