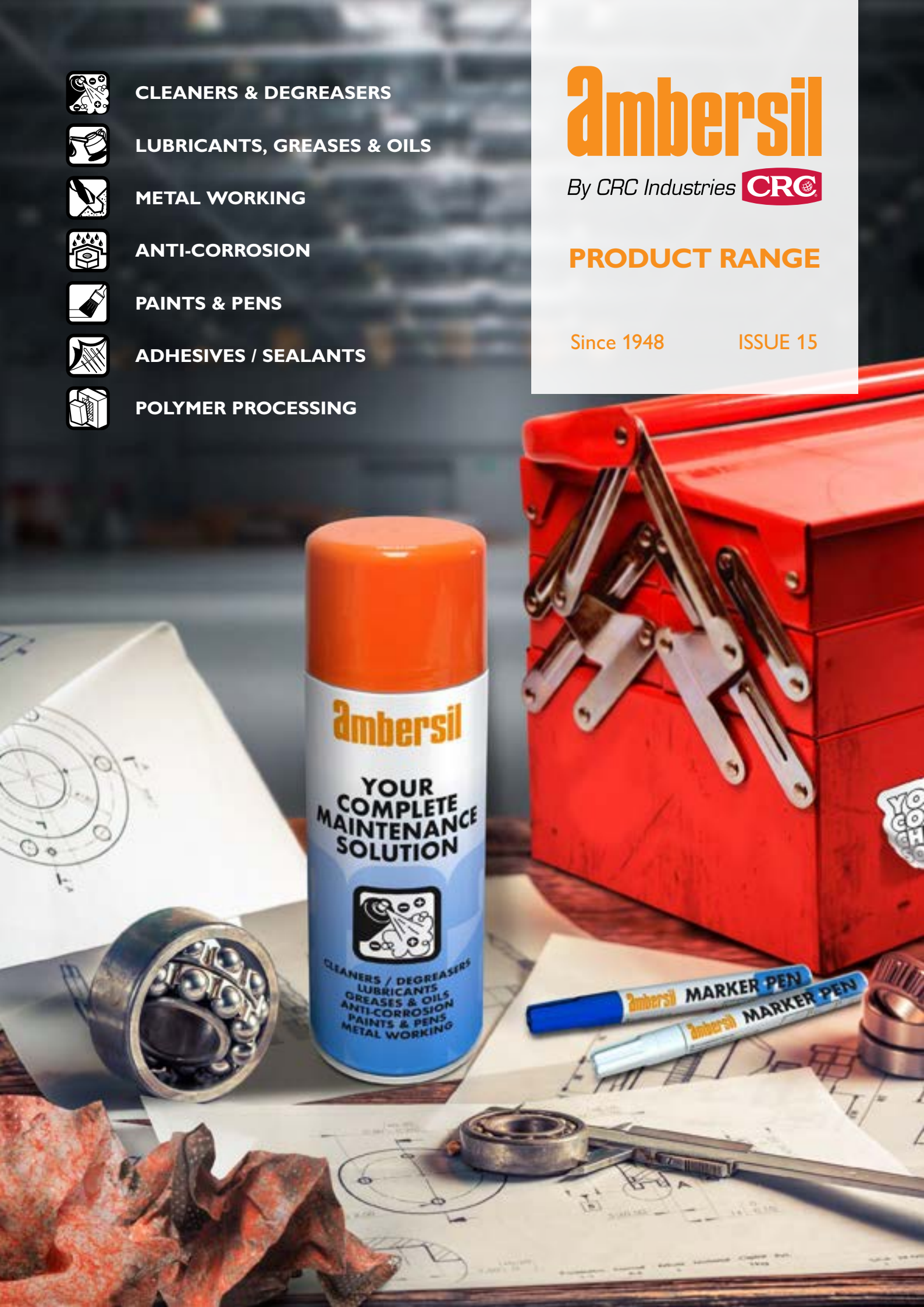
ambersil

By CRC Industries

PRODUCT RANGE

Since 1948 ISSUE 15

- CLEANERS & DEGREASERS
- LUBRICANTS, GREASES & OILS
- METAL WORKING
- ANTI-CORROSION
- PAINTS & PENS
- ADHESIVES / SEALANTS
- POLYMER PROCESSING



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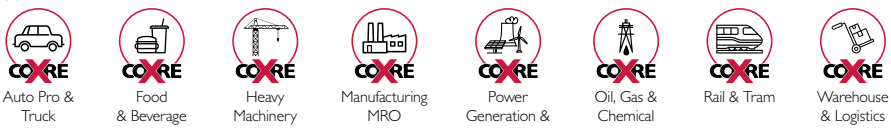
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CORE-X:



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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.

Where specific company names are used, these do not reflect either explicit or implied recommendation nor guarantee of performance. Users should undertake their own testing and review procedures to ensure products meet the performance, materials compatibility, safety, and environmental requirements for the intended application(s). Where specific standards or specifications are quoted, it is recommended that users independently validate them using their own quality procedures.

All images used are for representation only. Colour swatches are not an identical match to actual colour.

ADDING VALUE TO MAINTENANCE

CHEMICAL AUDIT & CONSOLIDATION
Simplify chemical storage, ordering, and use by reducing the number of brands to the one that offers "Your Complete Maintenance Solution™"

24/7 GLOBAL PRODUCT AVAILABILITY THROUGH STRATEGIC SUPPLY PARTNERS
MRO products available to order when you want them, worldwide, via global distribution agreements.

ON-DEMAND DATA SHEETS (32 LANGUAGES)
The Ambersil.com website has 24/7 datasheet availability with no log in required. Every product has at least 32 language combinations for the SDS (Safety Data Sheet) ensuring safety around the world.

REGIONALLY BASED REPRESENTATIVES
Ambersil covers the entire UK, with a team of factory trained Territory Sales Managers who are the first line of support for product information. International customers have dedicated brand specialists and account managers for full-services support.

MAINTENANCE CHEMICAL PROBLEM SOLVING
In-house laboratory and development chemists are able to assist with any product and application enquiries from the simple through to chemically complex.

INNOVATIVE SOLUTIONS FOR AUDIT COMPLIANCE
Specialist markets often require specialist solutions to compliment the product offering in-house marketing and research teams seek to develop new, true 'added-value' services that benefit users and contribute to audit compliance.

R&D INNOVATION
Dedicated in-house laboratory facilities with decades of experience in product development – part of the global CRC development network that shares ideas and research for rapid product solutions.

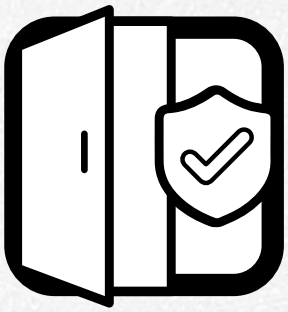
FREE PRODUCT SAMPLES
Ambersil is known for quality, reliability and trust; so why not give our products a trial with no obligation other than honest feedback? Don't just rely on our expert product recommendations, try them out for yourself.

REGULATORY AND ESG COMPLIANCE
CRC has been ISO 9001 certified for over 30-years, demonstrating a commitment to manufacturing excellence whilst minimising environmental impact, and delivering colleague & community safety. Since 2022, all CRC sites are awarded the "Top 15%" silver medal from EcoVadis.

PRODUCT PORTFOLIO OPTIMISATION
Every factory, every site is unique yet through decades of in-person visits, our teams have identified reoccurring themes in product choice. The Ambersil Core-X product recommendations are tailored to specific market segments (e.g. power generation, food & bev,…) and allow easier product selection, backed up by over 300 alternatives for specific needs.

RISK REDUCTION MOBILE: REMOTE CHEMICAL ASSESSMENT

SAFETY



- Driving compliance
- Auto update SDS
- Audit trail
- Reduced site visitors

SUPPLY



- Inventory control
- Remove rogue ordering
- Consolidate orders

QUALITY



- No more duplication
- Best product for job
- 100% support from manufacturer
- Expert advice

TOTAL COST BENEFIT

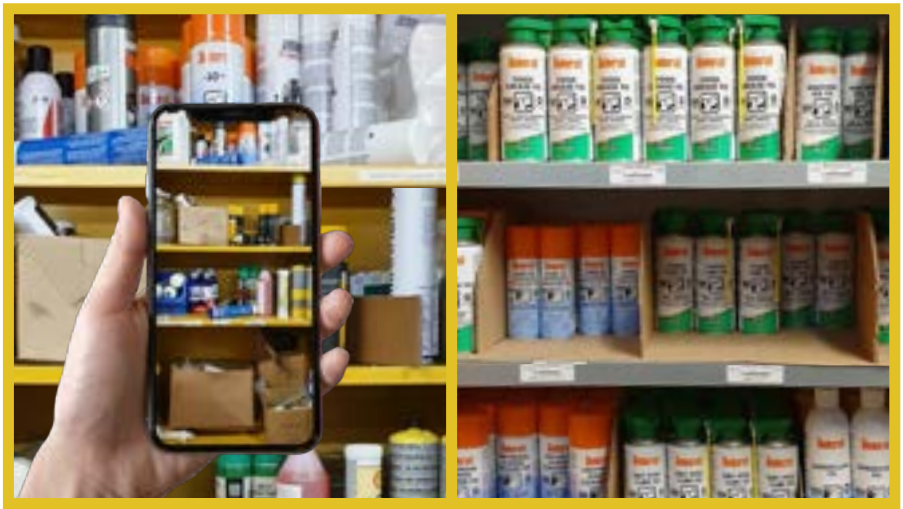
3 EASY STEPS:

1 CONTACT:

Identify your customers' use of maintenance chemicals, purchases and inventory control.

2 SUBMISSION:

Simply take a clear photograph of the products in the chemical cabinet or a chemical stores list, and use our Information Form to submit the enquiry.



BEFORE AFTER

3 48 HOUR GUARANTEE:

We will analyse your submission and reply with Safety, Supply and Quality recommendations.

WATCH THE VIDEO:

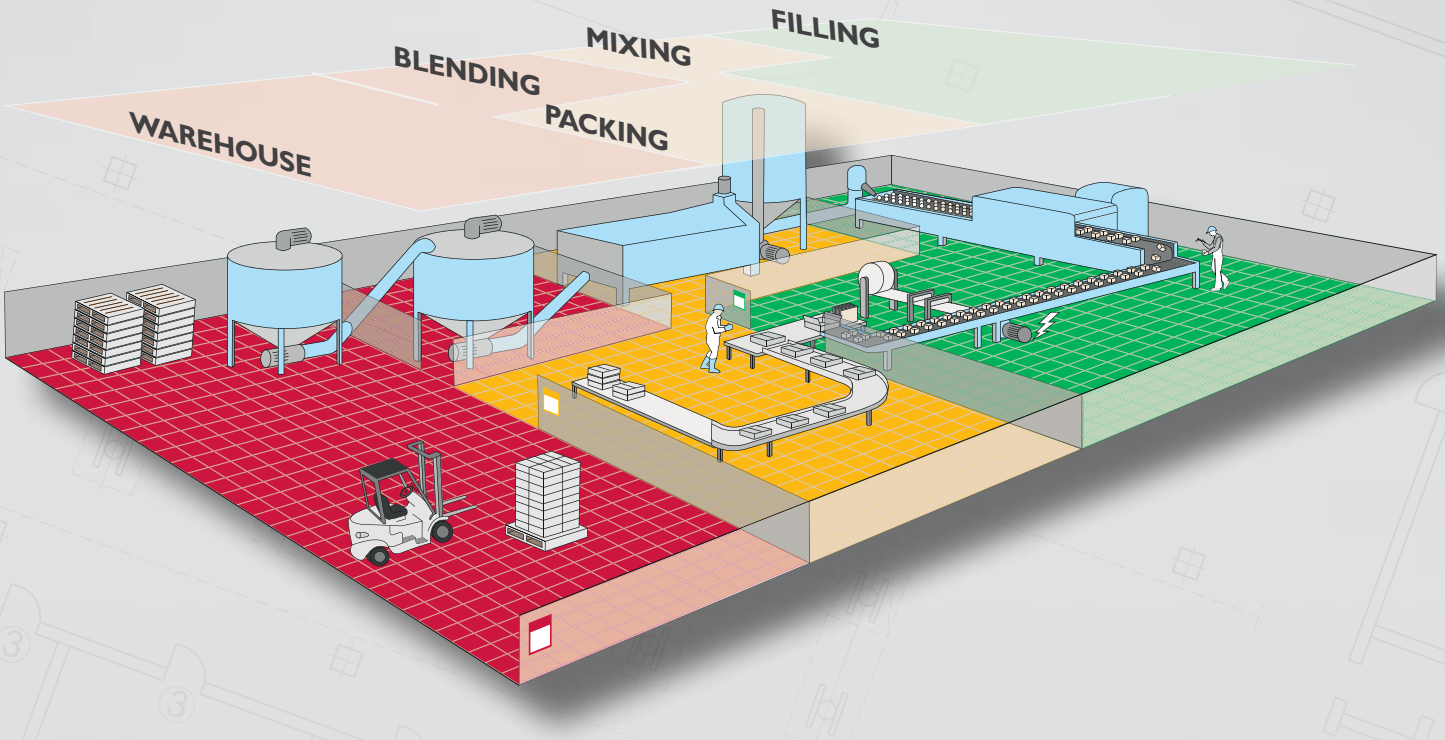


crcind.info/R2P2

GREENLIGHT
FOOD SAFETY SYSTEM

Ambersil
By CRC Industries CRC

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.

ECC Halal Certification Halal & Sustainable
FOOD PROCESSING SAFE
NSF
GREEN FORCE
EK EUROPEAN KOSHER
Perma-Lock 2-WAY INTEGRATED ACTUATOR
GREENLIGHT FOOD SAFETY SYSTEM
RISK REDUCTION CRC PARTNERSHIP PLAN
bsi. ISO 9001 Quality Management FM26077 ISO 14001 Environmental Management EMS60742
BRCGS In Partnership with

Perma-Lock®
2-WAY INTEGRATED ACTUATOR

PREVENTION. NOT DETECTION.™



LOCKED IN FOR SAFETY

INTEGRATED DESIGN BENEFITS:

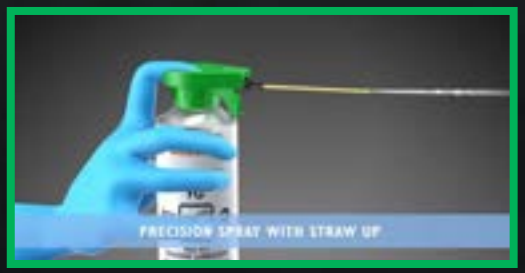
- Secure spray straw locks in place
- Non-slip grip
- Traditional spray in the "down" position
- Precision application in the "up" position
- Useful catch curb - prevents oily can

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!™



crcind.info/AMB_PermaLock

COXRE

FIRST THE CORE, THEN MORE



CONFIDENT SOLUTION SELECTION FOR ENGINEERS

Core-X simplifies product choice and gives you confident product recommendations for maintenance solutions. Decades of connecting with users has enabled our teams to understand the 10 core product types commonly used by engineers, defining & validating these 10 “hero’s” from the product portfolio of over 200 products available. This ‘Core-X’ philosophy provides confident product choices for market segments, backed-up by the full range of specialist solutions to get the job done, right first time. Speak to your CRC account manager for more information and assistance.

ambersil

By CRC Industries CRC

Ambersil
By CRC Industries CRC

AUTOMATIC DATASHEET UPDATING

REMOVING THE HEADACHE FROM DATASHEET COMPLIANCE

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 safety requirement.

- 24/7 availability on-line
- Legislation changes frequently
- Receive updates automatically
- All information held securely
- Keeps all key personnel informed

MYCRC – DIRECTIONS

1. Navigate to **www.ambersil.com**
2. Click on the MyAmbersil logo.
3. Select the link “New User”.
4. Fill in company details.
5. A unique login ID and password will be emailed to you.
6. Login and select your country from the drop-down list. All CRC products available in your location will be visible.
7. Use the selection boxes on the right, for all relevant products. Both MSDS and TDS updates can be selected.
8. Confirm your selection on each page before continuing.
9. Once all products of interest have been selected and confirmed, close your internet browser.
10. If product selection needs to be modified, login to MyAmbersil and change the update options (click on the MyAmbersil logo to update email preferences).



QUALITY & ENVIRONMENTAL





ACCREDITED ISO 9001

We understand your reliance on quality and conformance, and value your trust in us to deliver. All Ambersil products undergo stringent quality control tests at every stage of product production.

Checks routinely performed during manufacture include:

1. RAW MATERIAL TESTING
To confirm that all product ingredients are as specified

2. BULK BLEND TESTING
All product batches are tested for conformance to predefined specifications before being filled into aerosol packs.

3. FILLED AEROSOL TESTING
All filled packs are subjected to many performance and safety checks including:

- Crimp checks
- Labelling checks
- Weight checks
- Pressure checks

4. WATER BATH TESTING
Every single aerosol we produce passes through a hot-water bath to asses pack integrity at elevated temperatures.

5. STORAGE TRIALS
Prior to production, Ambersil products are tested for long-term storage and reliability trials - that's why most Ambersil products have a shelf life of 6-years!

6. PRODUCT SPECIFIC TESTS
Different product applications will require specific test criteria, such as accelerated corrosion testing, evaluation of release properties and material compatibility testing.

ACCREDITED ISO 14001

At Ambersil we recognise the need to minimise our impact on the environment so that future generations can benefit from our natural heritage.

Aerosols are recognised as one of the safest methods of storing and using maintenance chemicals due to the fact that they are hermetically sealed, eliminating spill risks and reducing environmental contamination potential.

All Ambersil aerosols have been CFC free since 1989 and we are continually innovating new procedures to minimise secondary impacts on the environment from office processes and other 'behind the scenes' activities.

- All Ambersil aerosols are manufactured with end-of-life disposal in mind
- All Ambersil steel tin-plate cans can be recycled
- All Ambersil boxes used for packaging and shipping are made from 100% recycled cardboard
- All aluminium aerosols can be recycled
- Plastic components may be separated & recycled

Ambersil is committed to managing its environmental performance, preventing pollution, ensuring compliance with all applicable environmental legislation. We strive to deliver continual improvement through the development, implementation and maintenance of an Environmental Management System that has been awarded the latest ISO 14001 certification.

All Ambersil products (including packaging) comply with directive 2002/95/EC on the Restriction of Hazardous Substances in electrical and electronic equipment (RoHS).

PRODUCT MODULE:

RELEVANT INFORMATION FOR PRODUCT SELECTION

The product modules have been designed specifically to assist in the research, comparison and selection of the products. With easy to understand information such as the innovative use of 'attribute graphs' that offer a simplified representation of the product; and a QR code that instantly links to the website product page for Safety Data Sheet (SDS) & Technical Data Sheet (TDS) download.

(1) AMBERCLENS FG

(4) FOOD PROCESSING SAFE A1 NSF

(2)



(3) 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
- Readily biodegradable (≥ 60% by OECD 301)



(7) MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

(8)

(5) 500 ml

(6) EUROPEAN KOSHER

(1) **PRODUCT NAME**
Product name, as displayed on the front of the product.

(2) **PRODUCT IMAGE**
Clearly shows what the actual product looks like, for easier recognition.

(3) **APPLICATION TEXT**
Example(s) of how and where the product can be used. The bullet points emphasise a selection of the key features (more are available via the QR code.)

(4) **NSF CATEGORY**
The traffic light icon references the GreenLight™ food safety system, it displays the NSF category code for application use criteria.

(5) **FILL**
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. Updated and legacy product codes are now listed in the appendices in an easy to use look-up table.

(6) **APPROVALS**
Easily identify which products have value-added features.

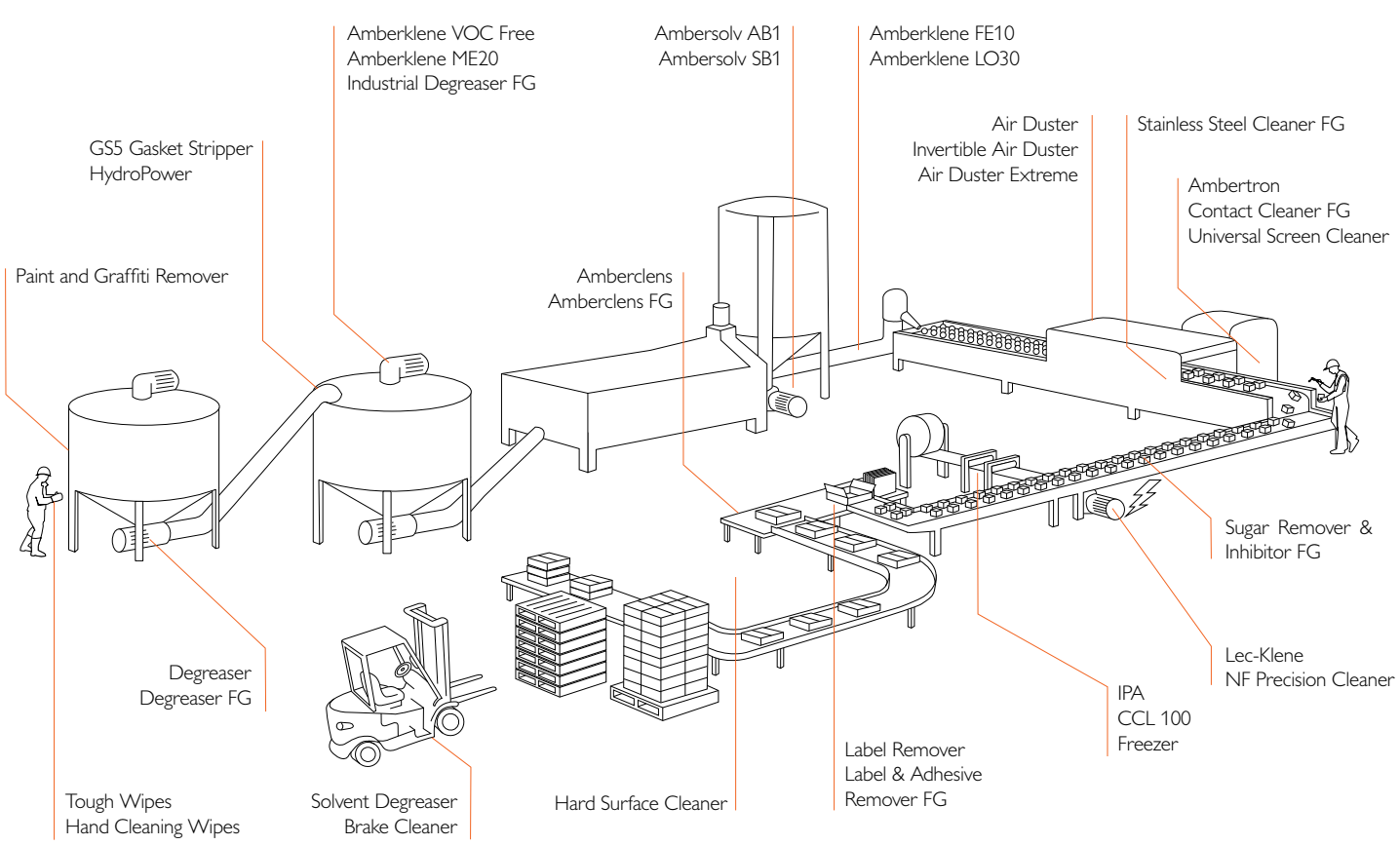
(7) **ATTRIBUTE GRAPHS**
The attribute graphs have been developed to be used as a simplified guide for comparing the key attributes of products, aiding product selection.

(8) **QR CODE**
Scan with a smart phone or digital device with Internet access to view datasheets, compliance letters, and product videos.

CLEANERS

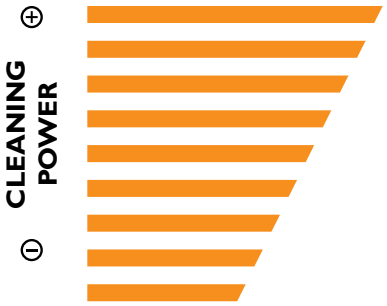
Remove dirt, grease & grime with the most comprehensive range of industrial maintenance cleaners and degreasers.





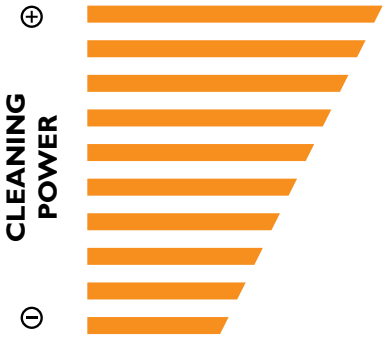
CLEANERS SELECTION CHART

GENERAL CLEANING



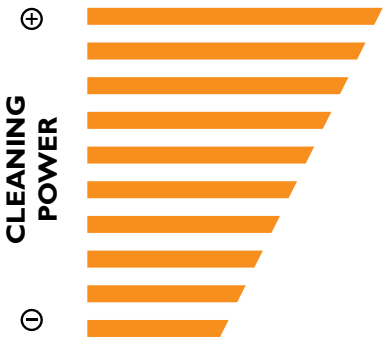
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UNIVERSAL SCREEN CLEANER	16
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AMBERKLENE FE10	20
BRAKE CLEANER	23
AMBERKLENE FG	21
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AMBERCLENS



ANTI-STATIC FOAMING CLEANER

Use to remove general grime and soiling on all surfaces. Particularly effective as a post-maintenance cleaner for removing finger marks and oil residues. Anti-static formulation inhibits dust attraction.

- Removes light oils, finger marks, and general grime
- Safe for use on plastics, metals, painted and glazed surfaces
- Multiple approvals: Rail, NATO, Ford, British Coal, Rolls Royce Aerospace



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml 750 ml

AMBERCLENS FG



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
- Readily biodegradable (≥ 60% by OECD 301)



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

500 ml

AMBERSOLV AB1/FOAMING CLEANER



WATER-BASED CITRUS CLEANER

Water-based cleaner with added citrus power. Use to clean around gearboxes, pumps and for removing hydraulic oil leak residue.

- Removes difficult soiling such as: oil, grease residue, grime, silicone, water-based paints and inks/dyes
- Ideal as a post-maintenance cleaner or as a general cleaner for removing more stubborn soiling
- Biodegradable
- Removes bitumen residue & softens resins and some adhesives
- Approved for cleaning aircraft exterior surfaces



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml 25 l

DEGREASER RTU



TOUGH WATER-BASED DEGREASER

Use to degrease components when a regular solvent cleaner cannot be used. Ideal for gearboxes, hydraulic systems, open gears, chains and pumps to remove a variety of soiling types.

- Removes tough, stubborn soiling such as heavy oil, grease, grime, silicones, wax and old lubricants
- Safe for use on most plastics, rubber and painted surfaces
- Contains a highly effective corrosion inhibitor to help prevent flash rusting



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

750 ml 5 l 25 l

DEGREASER FG



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 (≥ 60% by OECD 301)
- Use on gearbox housing, hydraulic systems, large panels, and even walls and floors
- Non-flammable



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

1 l

EUROPEAN KOSHER

HYDROPOWER



WATER BASED, POWERFUL DEGREASER, NSF REGISTERED

Quickly and safely remove, grease, oil, lubricants, grime, and other tough contaminants from mechanical parts and surfaces. Safe and environmentally friendly alternative to solvent cleaners.

- No harmful Volatile Organic Components (VOCs)
- Readily biodegradable (≥ 60% by OECD 301)
- Non-flammable



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

EUROPEAN KOSHER

SUGAR REMOVER & INHIBITOR FG



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



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

750 ml

EUROPEAN KOSHER

HARD SURFACE CLEANER



WATER-BASED MULTI-SURFACE CLEANER

An environmentally preferred Non-flammable product that can be used on all floors as a cleaner to remove oil, grime and common soiling types.

- Can be used on almost any hard surface: concrete floors, walls, doors, marble, duct-work, signs, terrazzo, and more
- Particularly effective on sealed warehouse flooring, vinyl corridor tiles, and canteen floors
- Can be used with hot or cold water
- Very economical in use



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

5 l

STAINLESS STEEL CLEANER FG



DUAL ACTION CLEANER AND POLISH

For use on all types of stainless steel and other 'shiny' metals 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

500 ml

GLASS CLEANER



FOR GLASS AND GLAZING

Use on all glazed and ceramic surfaces to remove light soiling and marks.

- Produces a smear-free and residue-free finish with minimal effort
- Incredible results, first time
- Automotive approval: Ford Tox No: 177057



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

MULTI-SURFACE POLISH



CLEANER AND POLISH FOR HARD SURFACES

Developed to cut through and remove industrial soiling which is often more tenacious than domestic dust/grime.

- Wax/silicone blend provides a durable, high gloss shine
- Pleasant fragrance leaves the area smelling fresh and clean
- Works rapidly to capture dust and grime for rapid "one-application" cleaning



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

UNIVERSAL SCREEN CLEANER FG



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)



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

HAND CLEANER PLUS



PROFESSIONAL GRADE WORKSHOP HAND CLEANER

Solvent-free hand cleaner with Aloe Vera, jojoba and environmentally-friendly abrasives. Formulated for engineering workshops and professional users. Rapidly removes: lubricants, grease, tar, bitumen, most paints, grime and general soiling.

- Powerful performance yet mild on skin
- Easily removed with fresh water
- Does not contain alcohol or solvent
- Contains moisturising agents and biodegradable abrasives
- Exceptionally economical in use



CLEANING POWER
ANTI-PATHOGEN
SKIN KIND
DRYING TIME

3.8 l

TOUGH WIPES



HIGH ABSORBENCY HAND CLEANING WIPE

High absorbency hand wipes over-layered with a polymer web for all the deep cleaning power of pumice in a handy wipe.

- Highly effective on a range of soiling types: adhesives, grease, oil, tar, silicone, resins, paints, and more
- No need for water or drying towels
- Dermatologically tested
- No contamination or lasting fragrance from heavy perfumes



CLEANING POWER
ANTI-PATHOGEN
SKIN KIND
DRYING TIME

100

HAND CLEANING WIPES



READY TO USE HAND & TOOL WIPES

Use for cleaning light to moderate grime and oil from tools, hands, and equipment.

- Economical hand cleaning - 150 wipes per tub
- Keeps expensive hand tools clean
- Multi-purpose disposable wipes
- Combats common germs
- Excellent materials compatibility



CLEANING POWER
ANTI-PATHOGEN
SKIN KIND
DRYING TIME

150

AIR DUSTER



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

400 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

AIR DUSTER EXTREME



EXTREMELY POWERFUL LOW GWP DUSTER

High powered, Non-flammable, duster that delivers an extremely powerful blast of 'air' to remove dry contamination.

- Extremely powerful 'air' blast
- Up to double the power of standard dusters
- Non-flammable (directive 2008/47/EC) & safer in use
- Instantly removes dry contamination

340 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

INVERTIBLE AIR DUSTER



"ALL ANGLE" DUSTER FOR ELECTRONICS

A powerful, dry 'air' blast for the removal of dry contaminants from electronics.

- Ideal for safety critical applications
- Invertible valve system virtually eliminates the potential for moisture contamination of delicate electronics
- Non-flammable (directive 2008/47/EC) & zero odour in use
- Does not contain CFC's, HFC's, and is non-ozone depleting
- 360° spray system, for inverted use

200 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

DUST REMOVER



NON-SAFETY CRITICAL DUSTER

An economical duster developed to meet the market demand for a non-safety-critical duster.

- Ensure all equipment is de-energised and static electricity has been eliminated prior to use
- Powerful 'air' blast rapidly removes loose contamination
- Ideal for use on delicate electronics
- Does not contain CFC's, HCFC's, and is non-ozone depleting
- GWP of 3.5
- This product is flammable

400 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

ANTI-STATIC SPRAY



DISSIPATES STATIC BUILD UP

Use on any surface prone to static charge prior to maintenance, or as part of a static control programme.

- Rapidly reduces electrostatic charges
- Quick and easy to use
- Non-toxic and biodegradable
- Particularly useful in the paper and textile industries, and anywhere prone to airborne dust



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

ULTRASONIC CLEANING FLUID



GENERAL-PURPOSE CLEANER

Developed for use in ultrasonic baths, this cleaner removes all traces of contamination including oils, waxes, fluxes, and silicones.

- Can be diluted 5:1 depending on level of soiling
- Effective in both hot and cold water



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

1 l

FREEZER



FAULT DETECTION FOR ELECTRONICS

Use on electronic circuits to identify thermally intermittent faulty components.

- Rapidly reduces component temperature by up to -50°C
- Non-flammable, non-toxic, and completely odourless
- Can be used to cool thermally sensitive parts during soldering or calibration
- Rail Approved product (007/020505)
- GWP of just 6
- Will also embrittle stickly substances such as chewing gum to aid removal



MATERIALS COMPATIBILITY
FLAMMABILITY
GWP
POST-PROCESS RESIDUE

400 ml

CCL 100



3-IN-1 CONTACT CLEANER LUBRICANT

A versatile product for use on electrical switchgear and electric motor contacts. Ideal for use on radar systems where contacts may be exposed to moisture.

- Cleans, lubricates, and prevents corrosion in one application
- Removes light oils, light grease, tarnish, and oxidation
- Cuts voltage drop between contacts
- Leaves an oily conductive film for contact protection and prevents arcing



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
FILM VISCOSITY

400 ml

AMBERKLENE FE10



FAST-DRYING SOLVENT DEGREASER

Use for the general degreasing of machinery including chains, gears, bearings, drives, motors, and more.

- Powerful flushing action rapidly dissolves and removes contaminants
- Safe for use on all metals and most plastics
- Zero residue - perfect for surface preparation prior to bonding, painting, coating, or re-lubrication
- 360° spray system, for inverted use

400 ml | 5 l | 25 l



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

AMBERKLENE VOC FREE



HEAVY DUTY CLEANER

Offers a professional-grade heavy-duty cleaning solution that serves as an effective alternative to traditional solvent degreasers.

- Water emulsifiable and readily biodegradable (≥ 60% by OECD 301)
- Good material compatibility (rinsed required)
- Easy removal of oil, grease, sticky waxes, hardened deposits, and other contaminants
- 360° spray system, for inverted use

400 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

AMBERKLENE ME20



HEAVY-DUTY SOLVENT

Formulated with a slower evaporation rate for longer contact time on heavy grease and old lubricant deposits.

- Removes heavy, old, and significant deposits of oil, grease, waxes and silicone
- Superior wetting properties ensures extended contact time and solvency performance
- Higher flash point of 41°C for application safety
- Leaves a clean, dry, residue free surface

400 ml | 5 l



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

AMBERKLENE LO30



LOWER ODOUR SOLVENT DEGREASER

Use for general light degreasing on bearings, motors, gears and chains without the traditional odour associated with solvent degreasers.

- Safe for use on ferrous and non-ferrous metals, most painted surfaces, and most plastics
- Will not stress-crack acrylic
- Listed in British Airways 'Standard Practice' manual. Meets US Federal Spec. TT-N-95Bv Type 2; and is approved by Ford Motor Company (Tox: 166741)

400 ml | 5 l | 25 l



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

INDUSTRIAL DEGREASER FG



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

500 ml 5 l

SOLVENT DEGREASER



WATER RINSABLE DEGREASER

Use for engine and equipment degreasing which can be washed down, or for use in enclosed environments where vapours need to be minimised.

- Contains a highly effective emulsifier that enables dissolved oil/grease residues to mix with water for easy wash-off
- Higher flash point of 39°C for application safety
- Contains rust inhibitor to prevent flash rusting



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

500 ml

AMBERKLENE FG



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



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

500 ml

LEC-KLENE



HIGH FLASH POINT SOLVENT DEGREASER

An advanced high flash point solvent degreaser for electronic and aviation components. The ultra-pure formulation delivers a good level of solvency power with excellent materials compatibility.

- A fast and effective general-purpose degreaser
- Higher flash point (>62°C) for application safety
- Use where DEF STAN 68-148 is specified
- No detrimental effect on painted surfaces, ferrous or non-ferrous metals, epoxy based composites, acrylic sheet, plastics, and rubber



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml 5 l 25 l

AMBERSOLV SB1



CITRUS BASED SOLVENT DEGREASER

A solvent degreaser with added citrus power for use on grease and grime that may contain multiple contamination types.

- Effective on a wide range of soiling such as: oil, grease, tar, bitumen, silicones, rubber-based adhesives, oil-based paints, inks and dyes
- Safe for use on most plastics and all metals & cable insulation
- Military & Aviation approved
- Low toxicity, inherently biodegradable



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml
5 l
25 l

FAST CLEAN 200/201



EXTRA FAST & POWERFUL SOLVENT

An advanced degreasing solvent that has both exceptionally fast-drying speed and very high solvency power.

- Removes heavy, old, and dried-on deposits of oil, grease, waxes and silicone
- Powerful flushing action rapidly dissolves and removes contaminants
- Non-chlorinated
- Zero residue



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml
25 l

BA40 SOLVENT



AVIATION SPECIFIED SOLVENT CLEANER

Developed specifically for the demands of the aviation industry for a cleaner to remove uncured polysulphide sealant.

- Removes stubborn residues such as: adhesives, inks, resins, varnishes and lacquers
- Powerful solvent for excellent penetration but with rapid evaporation for maximum efficiency
- Low pressure spray provides an even coverage and prevents splash back in use
- Zero residue



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

PAINT AND GRAFFITI REMOVER



POWERFUL PAINT REMOVER

A highly effective solution to the difficult problem of removing graffiti and old paint.

- Rapidly softens existing paint for easier removal prior to repainting with Ambersil Acrylic Paint or Galva Colour
- For use on hard, non-porous surfaces, test substrate compatibility prior to use
- Softens acrylic paint in 3 minutes, and softens tough paints in 10 minutes



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

BRAKE CLEANER



AUTOMOTIVE SOLVENT CLEANER

Use on all brakes and clutches to remove dust deposits, oil, grease, and other contaminants. Also removes anti-corrosion coatings on new brake discs prior to fitting.

- Reduces disc brake squeal and clutch chatter
- Can be used as a general-purpose degreaser



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

500 ml 5 l

GASKET STRIPPER GS5



UNIVERSAL GASKET STRIPPER

Removes in-place gaskets from gearboxes, drives, chain enclosures, and engines.

- Use to remove thread locking compounds, silicone sealant, and mastics
- Foaming formulation extends contact time and assists in gasket softening
- Fast acting: works in less than 20 minutes
- Reduces scraping and potential damage to surfaces



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

LABEL REMOVER



SELF-ADHESIVE LABEL AND STICKER REMOVER

An optimum blend of solvent and citrus active ingredients which will penetrate paper labels rapidly to soften the adhesive.

- Reduces the need for scraping and the potential damage that may cause
- Improves packaging line efficiency by reducing jamming caused by label and adhesive build-up
- Pleasant citrus smell
- Test plastics compatibility prior to use



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

200 ml

LABEL & ADHESIVE REMOVER FG



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 penetrate paper labels rapidly
- Use on packaging lines to remove label & adhesive build up
- Minimises the requirement for scraping



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

200 ml

AMBERTRON



ULTRA PURE CONTACT CLEANER

Ultra pure formulation for critical maintenance. Removes light oils and contamination safely from PCB's, relays, all electrical contacts, switches, and more.

- Excellent materials compatibility: safe for use on plastics, rubber, composites, metal and painted surfaces
- Non-conductive
- Quick and effective cleaning with zero residue
- Will not produce frost

400 ml 25 l



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

NF PRECISION CLEANER



NON-FLAMMABLE CONTACT CLEANER

An advanced solvent contact cleaner that is Non-flammable and ideal for servicing critical electronics that cannot be switched off or de-energised.

- Excellent materials compatibility: safe for use on plastics, rubber, composites, metal and painted surfaces
- Passes flame extension test FEA 607E and Drum test FEA 610E for genuine Non-flammable performance

250 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

CONTACT CLEANER FG



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 & electronics
- Reduces voltage drop due to contamination
- Non-corrosive and non-conductive

400 ml



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

IPA SOLVENT



ISOPROPYL ALCOHOL CLEANING SOLVENT

A gentle yet highly effective alcohol based cleaner for use on optical devices, switches, PCB's and on general electronics.

- Excellent materials compatibility: safe for use on plastics, rubber, composites, metal and painted surfaces
- Conforms to BS 1595, ASTM D770, and DIN 53245
- Zero residue
- Removes moisture

250 ml 400 ml 1 l 5 l 25 l



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

INSTANT CLEANERS EXPERT

GENERAL ENGINEERING DEGREASER

→ **AMBERKLENE FE10**
Fast-Drying Solvent Degreaser

MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

MORE POWER	BETTER COMPATIBILITY	HIGH FLASH POINT	SLOWER EVAPORATION	WATER-BASED
INDUSTRIAL DEGREASER FG Heavy-duty, Fast Evaporating Solvent	**AMBERKLENE L030** Lower Odour Solvent Degreaser	**AMBERKLENE FG** Biodegradable Solvent Degreaser	**AMBERKLENE ME20** Heavy-duty Solvent	**DEGREASER RTU** Tough Water-Based Degreaser
MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE

MULTI-SURFACE CLEANER

→ **AMBERCLENS**
Anti-Static Foam Cleaner

MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

MORE POWER	REMOVE LABELS & ADHESIVE	LARGE SURFACES	STAINLESS STEEL	FOOD GRADE
AMBERSOLV AB1 Water-Based Citrus Cleaner	**LABEL REMOVER** Self-Adhesive Label and Sticker Remover	**HARD SURFACE CLEANER** Water-Based Multi-Surface Cleaner	**STAINLESS STEEL CLEANER FG** Dual Action Cleaner and Polish	**AMBERCLENS FG** Food Grade Foam Cleaner
MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE

ELECTRICAL MAINTENANCE

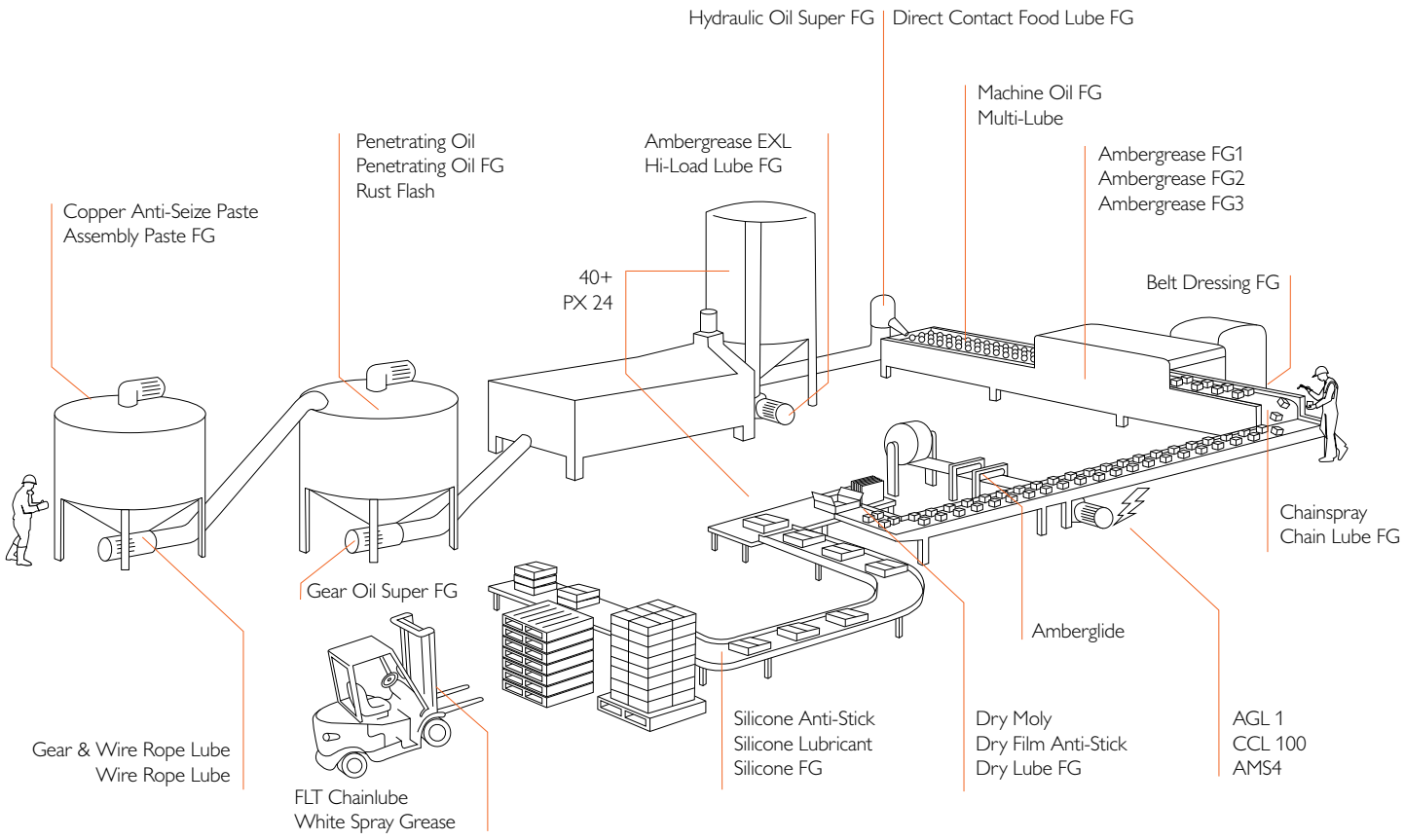
→ **AMBERTRON**
Ultra Pure Contact Cleaner

MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

FOOD GRADE	HIGH FLASH POINT	NON-FLAMMABLE	REMOVE DUST
CONTACT CLEANER FG Food Grade Electrical Cleaner	**LEC-KLENE** High Flash Point Solvent Degreaser	**NF PRECISION CLEANER** Non-flammable Contact Cleaner	**AIR DUSTER EXTREME** Extremely Powerful Low GWP Duster
MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE	MATERIALS COMPATIBILITY EVAPORATION RATE CLEANING POWER POST-PROCESS RESIDUE

LUBRICANTS, GREASES & OILS

From multi-purpose lubricants through to fully synthetic gear oils, Ambersil lubricants keep the wheels of industry turning.



LUBRICANTS SELECTION CHART

PRODUCT TYPE	APPLICATION REQUIREMENT	TYPE OF DUTY	RECOMMENDED PRODUCT	PAGE
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	Semi-Synthetic		**LUBRICATING OIL 'LO' 100**	36

40+



THE COMPLETE MAINTENANCE TREATMENT

A true multi-purpose 'cure-all' for engineers: use as a de-watering fluid, a penetrant on seized fasteners, a general lubricant, and as a corrosion inhibitor.

- Excellent water displacement performance
- High dielectric strength, non-conductive film
- Safe on most paints, plastics, rubbers, and all metals
- Operational temperature range: -20°C to +115°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

200 ml
400 ml
500 ml
5 l
25 l
200 l

AGL 1



LUBRICANT FOR ELECTRICAL EQUIPMENT

Use to displace moisture and protect electrical contacts from corrosion.

- Ideal for renovating water-damaged equipment and motors
- Provides precision lubrication with its thin, high dielectric strength lubricating film
- Prevents electronic malfunction due to humidity, condensation or corrosion
- Displaces water, lubricates and protects



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

PX 24



MILITARY GRADE PROTECTIVE LUBRICANT

Exceptional multi-purpose lubricant formulated to military specifications. It offers excellent materials compatibility, good lubrication as a machine oil, total moisture displacement and medium-term corrosion protection.

- Zero copper corrosion: IP 154, max 1: no pitting or etching
- Operational temperature range: -20°C to +115°C
- Rolls Royce Aerospace approved: 1042E
- Leonardo Helicopters approved: WHPS: 158
- 360° spray system, for inverted use



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml
500 ml
5 l
25 l
200 l

MOISTURE REMOVER FG



NSF REGISTERED DE-WATERING FLUID

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

- NSF H1 registered (No.161243)
- Prevents corrosion by displacing water from affected areas
- Operational temperature range: -50°C to +120°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

MACHINE OIL FG



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

400 ml 5 l



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

MULTI-LUBE



MULTI-PURPOSE LUBRICANT

A versatile light lubricant for use by automotive professionals and for the maintenance of mechanical handling equipment.

- Use as a lubricant, penetrant, anti-corrosion spray or de-watering fluid
- Safe on most paints, plastics, rubbers, and all metals
- Operational temperature range: -20°C to +115°C
- Good water displacement properties

500 ml



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

DIRECT CONTACT FOOD LUBE FG



3H & H1 LUBRICATING OIL

Direct Contact Food Lube FG is an NSF registered 3H & H1 high performance, direct food contact release agent and extremely effective multi-purpose lubricant for use on food processing equipment where incidental food contact may occur.

- Use as an anti-stick release agent to prevent food adhering to surfaces
- Provides long-term, stable lubrication of moving parts
- Wide temperature resistance of -10°C to 120°C
- Protects against corrosion
- Does not contain silicone

400 ml 5 l



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

PENETRATING OIL



PENETRANT FOR SEIZED PARTS

Use as a highly effective release agent for all types of seized fasteners.

- Quickly frees fasteners seized by corrosion, heat, and over-tightening
- Lubricates fine and close tolerance threads
- Contains MoS_2
- Facilitates easier disassembly & reassembly
- Softens rust and carbon deposits
- Exceptionally low surface tension lubricant

400 ml



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

PENETRATING OIL FG



NSF 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



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

EUROPEAN KOSHER

RUST FLASH



PENETRANT WITH FREEZE SHOCK ACTION

For use on all seized and corroded fasteners. Ideal for bolts on equipment located outside and subjected to adverse conditions.

- Utilises the laws of thermo-dynamics: A 10 second burst will shock rust down to -40°C
- The rapid temperature drop causes the rust to fracture, allowing the lubricating oils to penetrate faster
- Ideal in automotive applications also frees corroded exhaust clamps



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

500 ml

SILICONE LUBRICANT



GENERAL-PURPOSE SILICONE LUBRICANT

Use for plastic-to-plastic lubrication and as a highly effective friction inhibitor on chutes and slides. Ideal for use on tight plastic pipe fittings, or as a cutting aid on paper/textile blades.

- Odourless, colourless and non-staining
- Non-toxic and safe for use with potable water systems
- Exhibits excellent slip properties on blades, tables, chutes and conveyor guides
- Operational temperature range: -50°C to +200°C
- WRAS approved product: 1310510



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

500 ml

WRAS APPROVED MATERIAL

SILICONE ANTI-STICK



CONCENTRATED SILICONE LUBRICANT

High concentration silicone lubricant for demanding applications with higher loads or increased speeds e.g. robotic picking lines, pallet conveyors guides, and close tolerance fitting of large bore water pipes.

- Odourless, colourless and non-staining
- Use where high standards of purity and performance are essential
- Helps prevent line jams and inhibits adhesive build up on blades and sealers
- Operational temperature range: -50°C to +200°C
- WRAS approved product: 1310510



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

WRAS APPROVED MATERIAL

SILICONE FG



400 ml

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: -40to +200°C
- Use on high-speed bagging lines and on chutes/slides
- Dry film ensures no product contamination



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

AMBERGLIDE



400 ml

PTFE FREE

SUPERIOR BORON NITRIDE LUBRICANT

A general-purpose lubricating oil fortified with high levels of boron nitride for exceptional lubrication and anti-friction properties.

- Provides a long-lasting and durable film
- Significantly increases re-lubrication intervals
- Operational temperature range: -10°C to +180°C
- Highly water resistant and repels water from treated areas



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

DRY FILM ANTI-STICK



400 ml

PTFE FREE

CONCENTRATED DRY PTFE LUBRICANT

A concentrated, high PTFE content dry film lubricant for the lubrication of moving parts where an oily/wet or silicone lubricant cannot be used.

- The high level of PTFE in the dry film provides excellent anti-friction and slip performance to all sliding surfaces
- Excellent materials compatibility
- Suitable for use as an anti-tracking agent
- The dry film is unaffected by oil or solvents
- Operational temperature range: -100°C to +200°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

DRY LUBE FG



400 ml

NSF H1 REGISTERED DRY LUBRICANT

A fine, dry 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
- The dry film is unaffected by oil and solvents
- Operational temperature range: -100°C to +200°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

DRY MOLY



DRY MOLYBDENUM DISULPHIDE LUBRICANT

For use in high load applications where other lubricants would fail, but a dry film is still required. Use as a running in treatment on rolling and sliding bearings.

- Tough and long-lasting resin bonded lubricant
- Multiple applications (re-coating) provides enhanced performance, with the final coat benefiting from light polishing to further improve slip
- Operational temperature range: -150°C to +400°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

COPPER ANTI-SEIZE PASTE



HIGH TEMPERATURE ANTI-SEIZE

Use on threaded fasteners to prevent seizing during prolonged maintenance intervals, in hostile/high humidity environments, and areas subjected to high temperatures.

- Formulated with micronized copper and anti-oxidant additives to reduce friction and wear. Lead & Nickel free
- Good corrosion protection even in highly corrosive environments
- True copper paste exhibits much higher copper content than equivalent copper greases
- Operational temperature range: -30°C to +1100°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml 500 g

ASSEMBLY PASTE FG



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



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

EUROPEAN KOSHER

GEAR & WIRE ROPE LUBE



HEAVY-DUTY LUBRICANT

Specially formulated for open gears in dusty environments (e.g. quarries) where the semi-dry film does not attract or hold dust. Use on all wire ropes subjected to tension and/or movement.

- Forms a semi-dry, non-peeling film that overcomes the limitations of grease and pressure cushions
- Can be applied to gears in motion
- Deep penetration of wire ropes for internal lubrication and corrosion protection
- Operational temperature range: -25°C to +100°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

CHAINSPRAY



CHAIN & DRIVE LUBRICANT

Use on all types of drive chains, including production line, door mechanisms, quarry plant, and drying oven doors.

- Offers maximum adhesion to chain link with excellent penetration, lubrication and corrosion protection of the pins
- High temperature resistant: up to 200°C continuous (300°C intermittent)
- Also available as an alternative product specifically for use on forklift trucks: "FLT Chain Spray"



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml
500 ml (FLT)

CHAIN LUBE FG



FOOD GRADE PTFE CHAIN LUBRICANT

Ideal for all types of chains and chain driven drive systems. For 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 37 for Gear Oil Super FG)



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml
5 l

PTFE FREE

WIRE ROPE LUBE



SEMI-FLUID WIRE ROPE GREASE

Designed for the lubrication and corrosion prevention requirements of wire ropes working under all conditions, particularly marine environments.

- Penetrates between the rope strands to provide internal lubrication and protection
- High solids content protects wire rope strands from high load and wear during service life
- NLGI grade 00



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

5 kg
18 kg

BELT DRESSING FG



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



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

ADHESIVE LUBRICANT



ADVANCED MULTI-PURPOSE LUBRICANT

A specially formulated blend of high quality mineral and synthetic oils, anti-oxidation and anti-wear additives, friction modifiers and tackiness agents.

- Penetrates upon application then thickens
- Ideal for applications where shock loading occurs
- Highly visible blue colour upon application for visible coverage, which then turns transparent after a few days
- Temperature range: -12°C to +150°C (180°C intermittent)



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

GRAPHITE RELEASE SPRAY



DRY GRAPHITE LUBRICANT & RELEASE SPRAY

A high purity, dry, concentrated graphite lubricant and release agent. Formulated especially for the glass blowing industry as a mould pre-treatment.

- The resin binder allows the micro-graphite particles to bind strongly to all substrates
- Above 100°C the binder will safely decompose leaving dry graphite powder for the highly effective and consistent release of formed glass bottles



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

AMBERGREASE EXL



EXTENDED LIFE, PERFORMANCE BEARING GREASE

Use on critical, high load bearings and sliding surfaces. Ideal for use in applications where a longer than usual in-service life is required.

- Exceptional load carrying capacity: >800Kg 4-ball weld load
- Mean Hertz Load: 125 kg; Timken OK load: 25 kg
- Highly visible red grease, NLGI type 2, Lithium-Calcium Complex thickened
- Operational temperature range: -30°C to +150°C



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

400 g

12.5 kg

FOOD GREASE FG



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



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

400 ml

EUROPEAN KOSHER

AMBERGREASE FG1



FOOD GRADE HIGH PERFORMANCE 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



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

400 g

EUROPEAN KOSHER

AMBERGREASE FG2



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



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

400 g

EUROPEAN KOSHER

AMBERGREASE FG3



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)
- Translucent NLGI type 2 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



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

380 g

EUROPEAN KOSHER

HI-LOAD LUBE FG



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



MATERIALS COMPATIBILITY
4-BALL WELD
TEMP. RESISTANCE
NLGI GRADE

400 g

EUROPEAN KOSHER

WHITE SPRAY GREASE



MULTI-PURPOSE SPRAY GREASE

Ideal for use on vehicle door hinges, on runners, guides, and for assembly of close tolerance parts.

- Multi-purpose white grease in an aerosol
- Good penetration for even coverage and protection
- Operational temperature range: -10°C to +120°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

500 ml

AMBERGREASE SIL



PURE SILICONE GREASE

Ideal for electric motor spindle lubrication or to protect electronics from atmospheric moisture.

- Clear, colourless, odourless NLGI type 2 grease
- Suitable for waterproofing all types of electrical systems
- Excellent dielectric resistance
- 4-ball weld load of 200Kg
- Operational temperature range: -50°C to +220°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
NLGI GRADE

100 ml

AMS4 SILICONE GREASE



MILITARY GRADE SILICONE GREASE

Military & aviation grade XG250 silicone grease for use on rubber seals to prevent cracking, on 3-phase connectors to prevent moisture ingress and for general lubrication.

- Insulates high voltage parts against leaking and arcing
- Waterproofs electronics in damp or humid conditions
- Meets military and aviation specifications: Def. Stan 68-69/1



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

SEMI-SYNTHETIC OIL



Lubricating Oil LO 100 FG (100 cSt) is a multi-functional, premium, lubricating oil, that has good anti-corrosion properties, excellent material compatibility, good foam control characteristics and high shear force stability.

NSF H1 REGISTERED:	143788
VISCOSITY @ 40°C:	100
TEMPERATURE RANGE:	-18 to +215
VISCOSITY INDEX:	105
FILL & CODE:	20 l

MATERIALS COMPATIBILITY
STABILITY (VI)
TEMPERATURE RESISTANCE
FILM VISCOSITY

FULLY SYNTHETIC OILS

A series of transparent, odourless, fully synthetic lubricating oils based on Poly Alpha Olefins (PAO) for use in the food & beverage sector. These oils have extremely stable operating characteristics with a wide temperature range, foaming suppression, friction/wear reduction, and moisture rejection. Passes DIN 51524/T2 standard. ISO 32 can be used as a compressor oil.







	HYDRAULIC OIL SUPER 32 FG	HYDRAULIC OIL SUPER 46 FG
NSF H1 REGISTERED:	No.142717	No.142716
VISCOSITY @ 40°C:	ISO 32	ISO 46
TEMPERATURE STABILITY:	Viscosity Index: 142	Viscosity Index: 145
TEMPERATURE RANGE:	-57°C to +238°C	-57°C to +252°C
FILL SIZE:	5 l	5 l

MATERIALS COMPATIBILITY
STABILITY (VI)
TEMPERATURE RESISTANCE
FILM VISCOSITY

EUROPEAN KOSHER



	GEAR OIL SUPER 220 FG
NSF H1 REGISTERED:	No.142721
VISCOSITY @ 40°C:	ISO 220
TEMPERATURE STABILITY:	Viscosity Index: 140
TEMPERATURE RANGE:	-51°C to +258°C
FILL & CODE:	5 l

MATERIALS COMPATIBILITY
STABILITY (VI)
TEMPERATURE RESISTANCE
FILM VISCOSITY

EUROPEAN KOSHER

HALAL AND KOSHER CERTIFIED PRODUCTS

Halal Certification Reference: AN001183 / Kosher Certification Reference: 370-844

LUBRICANTS



3H H1

DIRECT CONTACT FOOD LUBE FG



H1

MOISTURE REMOVER FG



H1

MACHINE OIL FG



H1

CHAIN LUBE FG



H1

SILICONE FG



H1

PENETRATING OIL FG

GREASES



H1

FOOD GREASE FG



H1

AMBERGREASE FG1



H1

AMBERGREASE FG2



H1

AMBERGREASE FG3



H1

HI-LOAD LUBE FG

DRY LUBE



H1

DRY LUBE FG

SPECIALTY



H1

SUGAR REMOVER & INHIBITOR FG



H1

BELT DRESSING FG



H1

ASSEMBLY PASTE FG

BULK OILS



3H H1

3H OIL FG



H1

LUBRICATING OIL FG



H1

HYDRAULIC OIL SUPER 32 FG



H1

HYDRAULIC OIL SUPER 46 FG



H1

GEAR OIL SUPER 220 FG

DOWNLOAD THE HALAL CERTIFICATE FROM AMBERSIL.COM

crcind.info/AMBHalal

HALAL AND KOSHER CERTIFIED PRODUCTS

Halal Certification Reference: AN001183 / Kosher Certification Reference: 370-844

CLEANERS



A1

HYDROPOWER



A1

DEGREASER FG



A1

AMBERCLENS FG



A7 C1

STAINLESS STEEL CLEANER FG



P1

UNIVERSAL SCREEN CLEANER FG



K2

AIR DUSTER

SOLVENT DEGREASERS



K3

LABEL & ADHESIVE REMOVER FG



K1

SOLVENT CLEANER FG



A8 K1

INDUSTRIAL DEGREASER FG



A8 C1

AMBERKLENE FG



K2

CONTACT CLEANER FG

PARTS CLEANERS



A1

OZZYJUICE: SW-3 / SW-4 / SW-6 / SW-X1

SPECIALTY



H2

TUFCUT



P1

LEAK DETECTOR

ANTI-CORROSION



H2

BLUE MOULD PROTECTIVE FG



H2

CLEAR MOULD PROTECTIVE

RELEASE AGENTS



M1

SILICONE RELEASE FG



H1

EJECTOR PIN LUBRICANT FG



M1

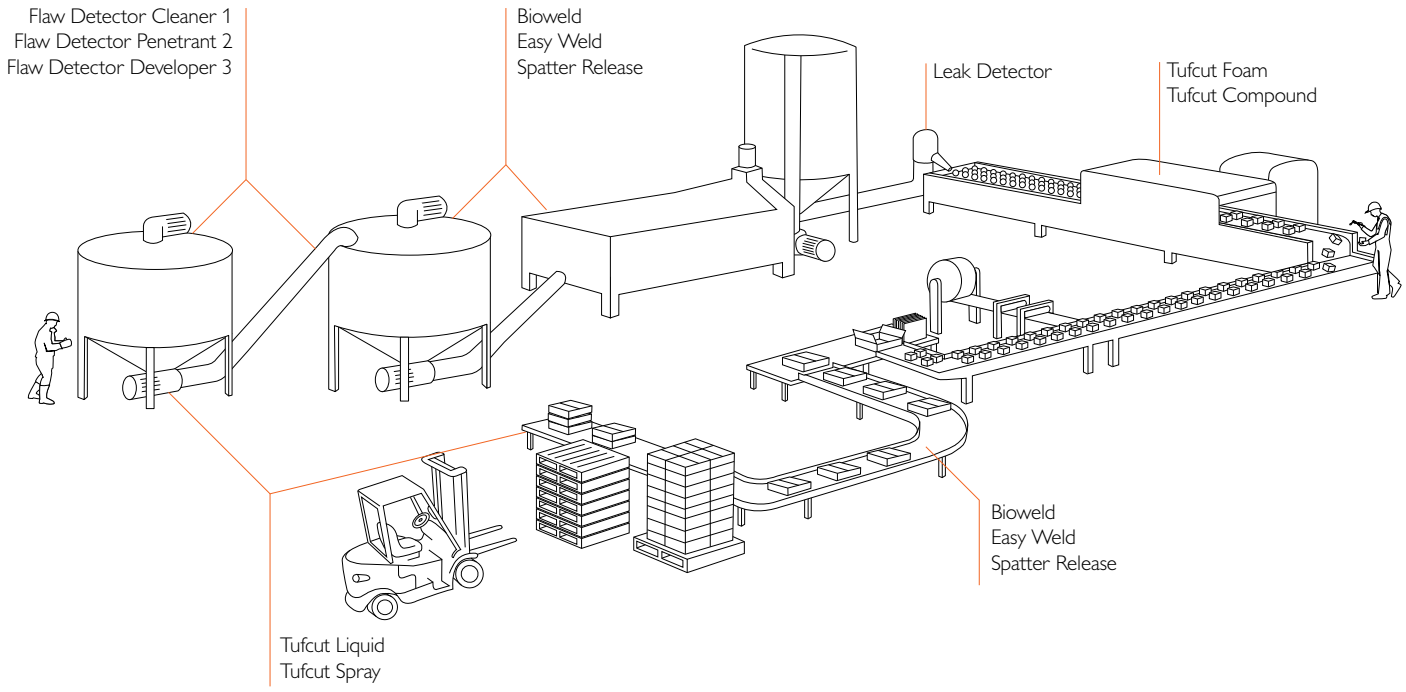
NON-SILICONE RELEASE FG

DOWNLOAD THE KOSHER CERTIFICATE FROM AMBERSIL.COM

crcind.info/AMB_Kosher

METAL WORKING

Created for the most demanding metal working applications where ‘right first time’ results are required.



METAL WORKING SELECTION CHART

PRODUCT TYPE	APPLICATION REQUIREMENT	TYPE OF DUTY		RECOMMENDED PRODUCT	PAGE
METAL WORKING	CNC & Automated Equipment			**TUFCUT AQUA**	41
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		Foaming		**TUFCUT FOAM**	41
		Traditional Liquid		**TUFCUT LIQUID**	41
	Titanium			**TUFCUT FOAM**	41
	Aluminium & 'Soft' Metals			**TUFCUT SPRAY**	41
		Foaming		**TUFCUT FOAM**	41
		Traditional Liquid		**TUFCUT LIQUID**	41
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WELDING	Anti-Spatter	Solvent-based	Traditional	**SPATTER RELEASE**	42
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TUFCUT: LIQUID / SPRAY / FOAM / COMPOUND / AQUA

Tufcut is a range of specialist metal cutting lubricants based on a mixture of lubricants, extreme pressure additives, and anti-oxidants. The range has been formulated to offer instant, ready to use metal machining products that demonstrate exceptional performance in demanding applications.



TUFCUT
Metal Cutting Lubricant

- Original Tufcut liquid
- Improves heat dissipation prevents chip welding
- Approved by Leonardo Helicopters for machining composite materials (LIS 6045)

HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

350 ml 5 l



TUFCUT
Metal Cutting Lubricant

- The original Tufcut liquid, in an aerosol
- Allows heavier close tolerance cuts
- Improves heat dissipation and prevents chip welding
- NSF H2 Registered

FOOD PROCESSING SAFE H2 NSF

HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

400 ml



TUFCUT FOAM
Foaming Metal Cutting Lubricant

- Proven Tufcut liquid in a foam that clings to vertical surfaces
- Ideal for maintenance of turbine blades
- Minimal smoking & fumes in use

HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

300 ml



TUFCUT
Metal Cutting Lubricant

- A traditional metal cutting paste that has all the performance of Tufcut liquid, in a paste
- Pleasant mild pine fragrance
- Ready to use straight from the tin

HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

500 g



TUFCUT AQUA
Water Soluble, Semi-Synthetic Cutting Fluid

- A premium quality, multi-purpose cutting fluid for use in automated applications
- Transparent - allows operators to see work-piece
- Contains cleaning and degreasing surfactants

HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

5 l

SPATTER RELEASE



NON-FLAMMABLE WELD ANTI-SPATTER

Traditional solvent-based spatter release for all welding applications.

- Prevents spatter adhesion to welding equipment, work pieces, surfaces, jigs, and surrounding areas
- Non-flammable
- Does not affect post-welding operations
- No silicone
- Anti-spatter film is easily wiped away



HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST PROCESS RESIDUE

400 g

BIOWELD



WATER-BASED WELD SPATTER RELEASE AGENT

A water-based spatter release agent which gives exceptional results without the use of harmful solvents, silicones or mineral oils.

- Odourless, non-flammable and safe in use
- Fine spray pattern for excellent coverage
- Does not contain silicone or solvents
- Contains a highly effective flash-rust inhibitor
- Automotive approval: Ford Tox No.: 163241



HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST-PROCESS RESIDUE

400 ml
5 l
25 l
200 l

EASY WELD



BIODEGRADABLE ANTI-SPATTER

Easy Weld provides a quick, easy way to prevent the adherence of spatter to metal surfaces and eliminates the requirement for chiseling, grinding or extensive wire brushing after welding.

- Non-silicone heat resistant barrier
- Easy removal of spatter
- Economical in use due to thin film performance
- Based on biodegradable oil
- Keeps treated nozzles and equipment clear from spatter build-up



HEAT DISSIPATION
VISCOSITY
ANTI-CORROSION
POST-PROCESS RESIDUE

400 ml

LEAK DETECTOR



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



MATERIALS COMPATIBILITY
EASE OF USE
FLAMMABILITY
POST-PROCESS RESIDUE

400 ml

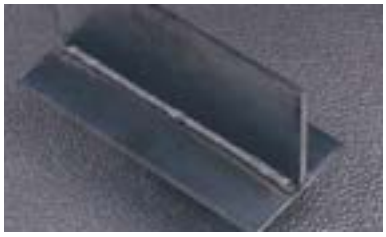
FLAW DETECTOR: CLEANER 1



SOLVENT CLEANER FOR PREPARATION

A fast-drying cleaner for the removal of all kinds of contaminants on the surface to be inspected. Serves as a preparation of the surface before inspection with dye penetrant.

- Rapid dry, solvent cleaner
- Leave surfaces clean & dry
- Removes contamination including; metal working fluid, anti-corrosion coatings, oil & grime



MATERIALS COMPATIBILITY
EASE OF USE
FLAMMABILITY
POST-PROCESS RESIDUE

400 ml

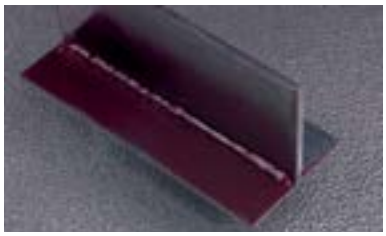
FLAW DETECTOR: PENETRANT 2



DYE PENETRANT FOR FLAW IDENTIFICATION

Red coloured, water washable penetrant for non-destructive testing of metal surfaces. The penetrant wicks into tiny flaws within 10 minutes. Excess penetrant should be removed before using the developer.

- Highly visible red dye
- Wicks in to defects down to 20µm
- Very easy to use & cost effective



MATERIALS COMPATIBILITY
EASE OF USE
FLAMMABILITY
POST-PROCESS RESIDUE

400 ml

FLAW DETECTOR: DEVELOPER 3



HIGH CONTRAST POWDER DEVELOPER

Enhances and makes each trace of Penetrant visible once applied and left for at least 7 minutes. Post cleaning of the inspected area can be done with the Cleaner.

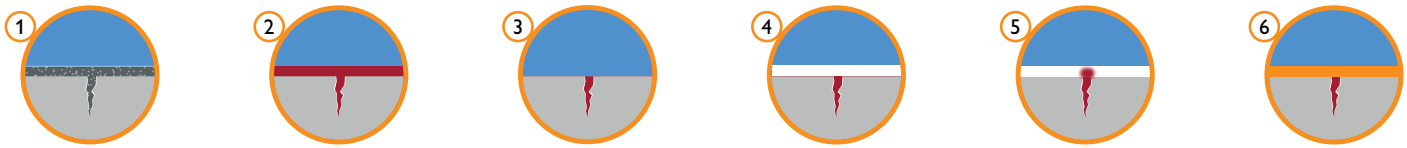
- High contrast and easy to use
- Identifies defects as small as 20µm
- Easily removed with the 'cleaner'



MATERIALS COMPATIBILITY
EASE OF USE
FLAMMABILITY
POST-PROCESS RESIDUE

400 ml

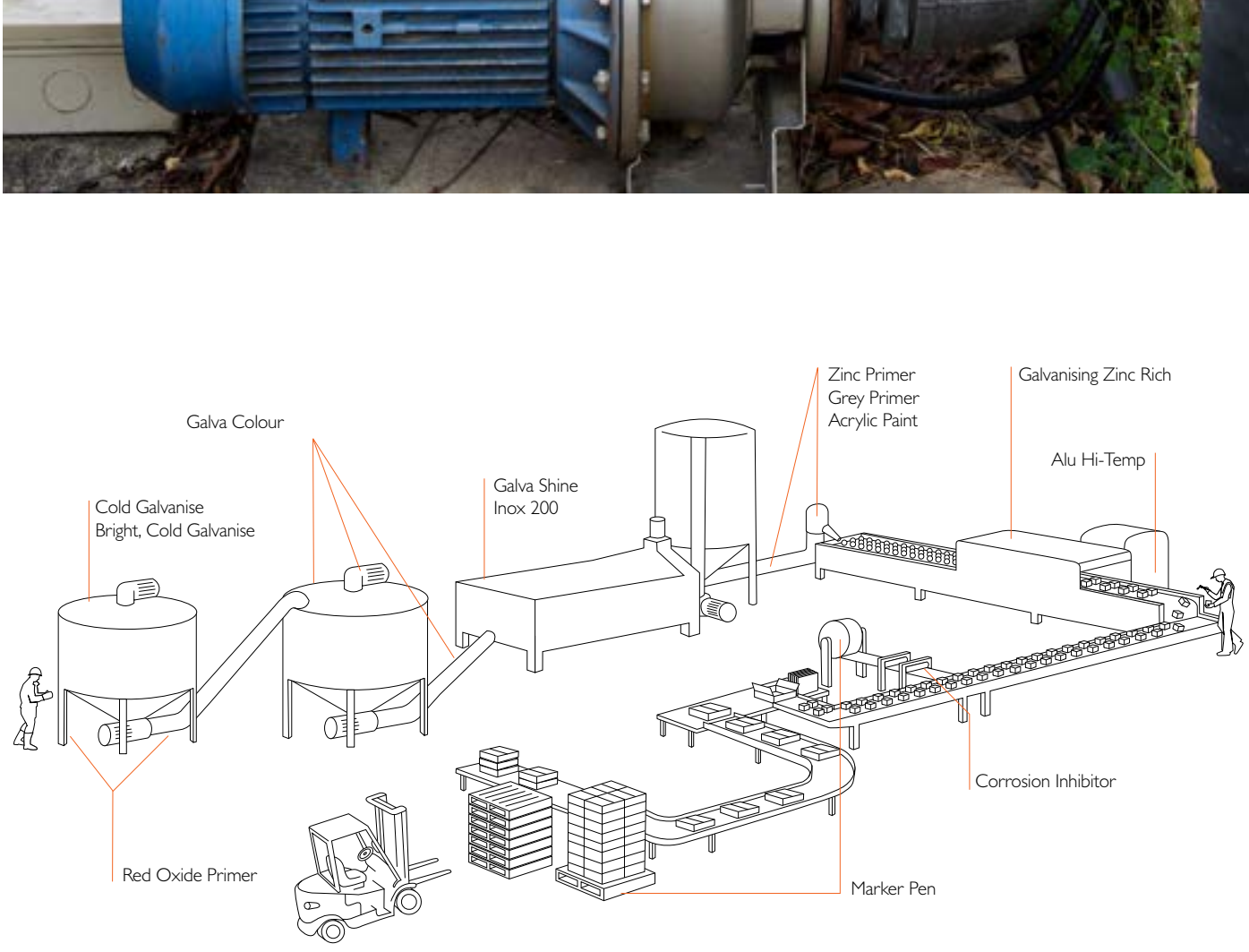
HOW TO USE THE FLAW DETECTOR RANGE



1. The area to be checked must be thoroughly cleaned. Liberally apply Flaw Detector Cleaner, allow to dry.
2. Spray a light, even film of penetrant on surface. Allow to penetrate for 10 to 20 minutes.
3. Wipe excess Penetrant off with a lint-free cloth dampened with Flaw Detector Cleaner. Allow cleaner to evaporate.
4. Shake the can of Developer thoroughly prior to use. Apply a light, homogeneous coating from a distance of about 20cm. Avoid any excess as it may mask the finest flaws. Allow to develop for at least 7 minutes.
5. Defects appear as red spots or lines on a white background. The speed of appearance, the shape and dimensions can give information on the nature of the defects. Clean the test area with Flaw Detector Cleaner.
6. If necessary, apply an anti-corrosion product, such as: Ambersil Corrosion Inhibitor.

ANTI-CORROSION & PAINTS

Superior coatings for metal that prevent corrosion and allow aesthetic repair of damaged surfaces.



ANTI-CORROSION & PAINTS SELECTION CHART

PRODUCT TYPE	APPLICATION REQUIREMENT	TYPE OF DUTY		RECOMMENDED PRODUCT	PAGE
ANTI-CORROSION	Maximum Protection	Cathodic		**COLD GALVANISE**	46
		Weathers Naturally		**BRIGHT, COLD GALVANISE**	46
		Stainless Steel		**INOX 200**	47
	Paint	Direct To Rust		**GALVA COLOUR**	49
		Aesthetic Repair		**ACRYLIC PAINT**	45
		Long-Lasting Shine/Alu Alloy		**GALVA SHINE**	46
		High Temperature		**ALU-HI TEMP**	47
		Primer	Zinc	**ZINC PRIMER**	48
			Paint	**GREY PRIMER**	45
				RED OXIDE PRIMER	45
		Very Rapid Drying	Hammered	**GALVANISING ZINC RICH**	46
	Indoors/Covered	Waxy Coating (Long-Term)		**CORROSION INHIBITOR**	47
		Oil Film (Short-Term)		**40+**	28
		Oil Film (Medium-Term)		**PX 24**	28
		Battery Terminals		**BATTERY TERMINAL PROTECTOR**	47
PAINT MARKER PENS	Multi-surface			**MARKER PEN**	48

ACRYLIC PAINT



400 ml

COLOUR MATCHED PROTECTIVE COATINGS

Vibrant acrylic paint for the repair and touch-up of painted surfaces.

- RAL matched for accurate colour matches
- Fast-drying: touch dry in <5 minutes
- Once cured (24-hours) the paints have a high UV resistance
- Excellent flexibility and hardness
- Excellent adhesion to all surface types



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

COLOUR	RAL	CODE	LEGACY	COLOUR	RAL	CODE	LEGACY
Matt Black	9011	1030265	20180-AA	Belle Orange	2004	1030355	20559-AA
Matt White	9010	1030266	20181-AA	Bright Red	3002	1030270	20184-AA
Gloss Black	9005	1030267	20182-AA	Blue	5015	1030272	20185-AA
Gloss White	9016	1030269	20183-AA	Battleship Grey	7032	1030274	20186-AA
Satin Black	9005	1031252	32060-AA	Green	6002	1030276	20187-AA
Rittal Grey	7035	1030283	20195-AA	Bright Yellow	1018	1030277	20188-AA
Ford Blue	5010	1030348	20555-AA	Chrome Silver		1030280	20190-AA
JCB Yellow	1007	1030350	20556-AA	Grey Primer		1030279	20189-AA
Massey Fergusson Red	3000	1030352	20557-AA	Red Oxide Primer		1031429	32379-AA
John Deere Green	6001	1030353	20558-AA				

COLD GALVANISE



ZINC RICH PROTECTIVE COATING

Provides cathodic protection to ferrous metals. Ideal for pipes, housings, structural metal, and as a primer. Particularly suited for protecting drilled or abraded surfaces.

- Sacrificial coating protects ferrous metal from corrosion
- For use on bare, clean, non-rusted steel and seams
- Suitable for use as a renovation media: BS EN ISO 1461:1999
- >99% pure zinc at 88% concentration in the cured film for the optimal balance between protection and adhesion



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

BRIGHT, COLD GALVANISE



REPAIR FOR HOT-DIP GALVANISED STEEL

Aesthetic anti-corrosion paint for freshly galvanised steel – weathers at the same rate for 'invisible' repairs.

- A barrier coating that protects ferrous metals from corrosion
- For use on bare, clean, non-rusted steel and seams
- Long-lasting corrosion protection
- Suitable as a top-coat for Cold Galvanise



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

GALVANISING ZINC RICH



HIGH TEMPERATURE, RAPID DRYING PAINT

Use on metals subjected to intermittent high temperatures such as foundry lifting shackles, gantry arms and cranes.

- Touch dry in 15 minutes, complete cure in 24-hours
- Leaves a hammered semi-gloss finish
- The cured film can be welded through (except argon)
- Temperature range: -50°C to +550°C
- Use Amberklene FE10 fast-drying solvent degreaser as the ideal surface preparation for best results



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

GALVA SHINE



AESTHETIC PROTECTIVE COATING

Offers an exact colour match to architectural hybrid zinc alloy galvanised structures.

- Resists weathering, retains a super bright finish
- Adheres strongly to metal offering a long-term barrier protective coating
- Superior spray pattern ensures a blemish free, smooth finish
- Use Amberklene FE10 fast-drying solvent degreaser as the ideal surface preparation for best results



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

CORROSION INHIBITOR



WAXY ANTI-CORROSION TREATMENT

Use on ferrous metals as a long-term protective coating for stored equipment, or as a transportation film for trans-global component shipping.

- Film will not harden or crack
- Forms a 'self-repairing' waxy film
- Meets MIL-PRF-16173E
- Can be used as an anti-seize/anti-rust treatment for fasteners
- Will not stain or mark components



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

25 l
200 l

BATTERY TERMINAL PROTECTOR



ANTI-CORROSION TERMINAL TREATMENT

Protects battery terminals on forklift trucks and generators from wear and corrosion and seals out moisture.

- Protective grease prevents wear to terminals through clip movement
- Highly visible dye gives an early indication of acid leakage by changing from pale yellow to red
- Viscous consistency prevents over application
- Excellent materials compatibility
- Operational temperature range: -10°C to +50°C



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

500 ml

ALU HI-TEMP



HIGH TEMPERATURE CORROSION PROTECTION

Use on furnace doors, boiler casings, drying ovens, foundry manipulators and equipment subjected to continuous high temperatures; chimneys, flues and exhausts.

- Protects to +600°C
- Lead and Chromate free
- Cures to a highly durable coating
- Effective barrier against corrosion



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

INOX 200



PROTECTIVE COATING FOR STAINLESS STEEL

Use on glass-pearl-blasted stainless steel as a touch-up paint.

- Touch dry in 10 minutes, complete cure 30 minutes
- Heat resistant up to +300°C
- Flexible yet hard dry film
- Contains chromium: the active corrosion inhibitor in stainless steel



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

ZINC PRIMER



MULTI-PURPOSE METAL PRIMER

Zinc phosphate primer promotes adhesion of top-coat paint to 'difficult' substrates.

- Touch dry in 30 minutes
- Dry to over-coat in 1 hour (recommended 24-hour cure prior to over-painting)
- Best results achieved when the surface has been cleaned with Amberklene FE10 prior to application



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

ACRYLIC CONFORMAL COATING



PROTECTION FOR PCB'S

Apply to populated PCB's and electronics to seal out moisture and dust for long-term protection.

- Transparent insulating conformal coating
- Wets out to form a homogeneous film with uniform thickness
- Cured lacquer is flexible, will not crack or chip and can be soldered through



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

SV100



ANTI-TRACKING INSULATING VARNISH

Specifically developed to protect electric motors.

- Insulates and protects all types of electrical systems against high humidity
- Highly visible red varnish
- Dries rapidly: touch dry in 15 minutes, handling time in 40 minutes, and full cure within 48 hours
- When cured, the film conforms to BS 5629 type 1.1



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

MARKER PEN



ACRYLIC PAINT MARKER PENS

Can be used for metal working/fabrication, electrical installations, civil engineering, steel stock identification, batch number marking and more.

- Tenacious resin binds paint to the surface, effectively eliminating the problems associated with accidental rub off and abrasion
- Fast-drying
- Can write through water/moisture and will not wash off with water or rain

COLOUR	CODE	LEGACY	COLOUR	CODE	LEGACY	COLOUR	CODE	LEGACY
White	1030328	20394-AA	Blue	1030310	20368-AA	Orange	1030319	20383-AA
Green	1030315	20379-AA	Red	1030323	20387-AA	Black	1030304	20364-AA
Yellow	1030334	20399-AA						

3 mm

GALVA COLOUR



500 ml

2-IN-1 PRIMER AND COLOUR TOP COAT

Use on surfaces which have surface rust, old paint or otherwise 'imperfect' finish.

- Reduces time spent priming and painting the top-coat: do it in one application
- RAL colours for accurate colour matches
- Free from lead, chromate and toluene
- Ideal for external pipe-line identification, railings, security fences, and storage tanks
- Excellent coverage: up to 3m² from one 500 ml can



DRIED FILM HARDNESS
LONGEVITY
PROTECTION
FLEXIBILITY

COLOUR	RAL	CODE	LEGACY	COLOUR	RAL	CODE	LEGACY
Yellow	1004	1030387	20673-AA	Black	9005	1030394	20679-AA
Red	3000	1030389	20674-AA	Silver	9006	1030396	20680-AA
Blue	5012	1030392	20676-AA	White	9010	1030399	20681-AA

VIDEO

CRC EVAPO-RUST Super Safe Rust Remover

DEMO

TOOLS & HARDWARE | AUTO | HOUSEHOLD | EQUIPMENT

POWERFUL
BIODEGRADABLE*

GREEN FORCE
COXRE





PRODUCT NAME	CODE	LEGACY
Evapo-Rust ready to use 1 l	1040357	33399-AA
Evapo-Rust ready to use 5 l	1032768	33400-AA
Evapo-Rust ready to use 20 l	1040700	33401-AA
Evapo-Rust ready to use 200 l	1040701	33407-AA
Evapo-Rust ready to use 900 l	1040702	33408-AA

ADHESIVES & SEALANTS

Essential bonding, adhesion, and gasketing products for industrial maintenance.



5024A SILICONE ADHESIVE SEALANT



HIGH MODULUS, ACETOXY CURE SILICONE SEALANT

A ready to use one part silicone sealant suitable for use as a general-purpose sealing and bonding agent. Ideal for making formed-in-place gaskets.

- Offers excellent adhesion to a wide variety of non-porous substrates such as glass, glazed ceramics, aluminium and metal
- Conforms to ISO11600
- High modulus & non-slump
- Temperature resistance: -60°C to +204°C

COLOUR	CODE	LEGACY
White	1030765	30730-AA
Clear	1031128	31753-AA
Black	1030766	30732-AA
Silver Grey	1040551	33406-AA

STRENGTH OF BOND
CURE TIME
TEMPERATURE RANGE
MODULUS

310 ml

5005A SILICONE ADHESIVE SEALANT



HIGH MODULUS, ACETOXY CURE SEALANT

A ready to use one-part RTV silicone sealant suitable for use as a general-purpose sealing and bonding agent. Ideal for making formed-in-place gaskets.

- Excellent adhesion to a wide variety of non-porous substrates
- Maximum temperature resistance: +204°C
- Portable 75 ml squeezy tube with cap
- Conforms to ISO11600
- High modulus & non-slump



STRENGTH OF BOND
CURE TIME
TEMP. RESISTANCE
MODULUS

75 ml

ADHESIVE HS 300



HIGH STRENGTH ADHESIVE

Use where a high strength adhesive is required e.g. warning and information signs.

- Tack time less than 10 minutes
- Free from chlorinated solvents for improved user safety
- Sheer strength: >375 N per inch (25 mm^2)
- Big value 500 ml fill size



STRENGTH OF BOND
CURE TIME
TEMP. RESISTANCE
CHLORINATED SOLVENTS

500 ml

ADHESIVE MP 100



MULTI-PURPOSE ADHESIVE

Ideal for bonding almost anything to most hard surfaces including wood and metal.

- Tack time approximately 30 seconds
- Permanent bonds
- Our best selling adhesive
- Big value 500 ml fill size



STRENGTH OF BOND
CURE TIME
TEMP. RESISTANCE
CHLORINATED SOLVENTS

500 ml

ADHESIVE NC 500



NON-CHLORINATED ADHESIVE

Use where a non-chlorinated multi-purpose adhesive is required.

- Tack time approximately 2 to 4 minutes
- Free from chlorinated solvents for improved user safety
- Variable spray pattern
- Big value 500 ml fill size



STRENGTH OF BOND
CURE TIME
TEMP. RESISTANCE
CHLORINATED SOLVENTS

500 ml

ADHESIVE QS 900



QUICK STICK ADHESIVE

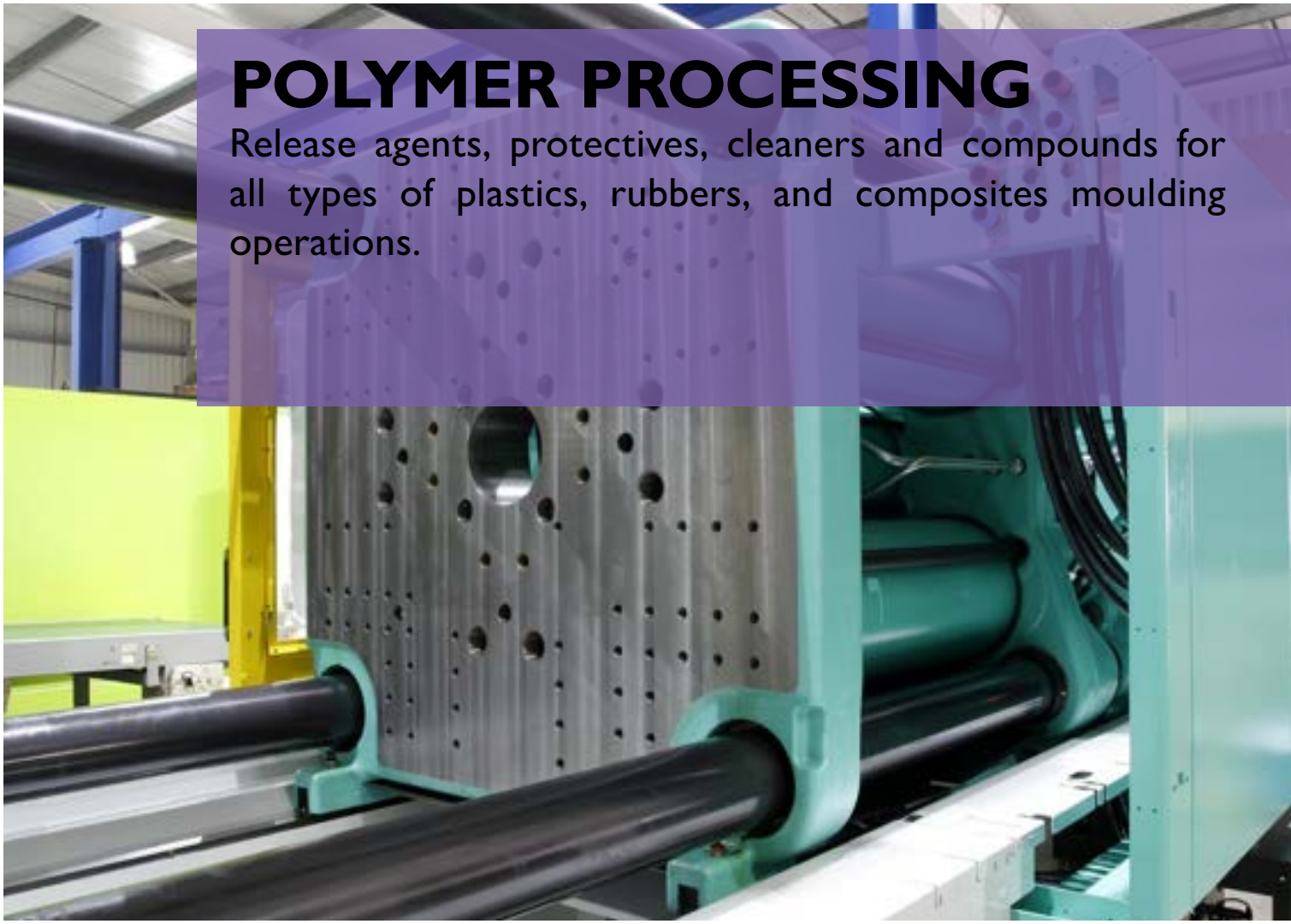
Especially useful where instant grab is required to avoid slippage.

- Tack time approximately 30 seconds
- Free from chlorinated solvents for improved user safety
- Instant grab and hold
- Big value 500 ml fill size



STRENGTH OF BOND
CURE TIME
TEMP. RESISTANCE
CHLORINATED SOLVENTS

500 ml



POLYMER PROCESSING

Release agents, protectives, cleaners and compounds for all types of plastics, rubbers, and composites moulding operations.

	RELEASE TYPE	PROCESSING APPLICATION	FORMED FILM	ACTIVE LEVEL	PAINTABLE	TRANSFER	MAX. TEMP.
DP 200	Aircure Silicone Release	Multi	Dry	V. High	Yes	No	200
FORMULA 1	Silicone	Multi	Oily	High	No	Yes	200
FORMULA 1 H/T	Silicone	Extrusion	Oily	High	No	Yes	300
FORMULA 2	Silicone	Rubber	Oily	Medium	No	Yes	200
FORMULA 4	Edible Veg Oil	Multi	Oily	Medium	Yes	Yes	200
FORMULA 5	Wax	Multi	Dry	Low	Yes	Yes	150
FORMULA 6	Silicone	Multi	Oily	Medium	No	Yes	200
FORMULA 7	Glycol	Multi	Wet	High	Yes	Yes	170
FORMULA 8	Silicone	Multi	Light Oily	Low	No	Yes	200
FORMULA 10	Specialist	Thermoset	Dry	Low	Yes	Yes	180
FORMULA 11	Oil	Multi	Dry	V. Low	Yes	Minimal	150
FORMULA 12	Semi Permanent	Multi	Dry	V. Low	Yes	No	250
FORMULA 14	Non-Silicone	Thermoplastics	Oily	High	Yes	Yes	200
FORMULA 20	Hybrid Silicone	Multi	Waxy	Medium	Yes	Minimal	150
PUR 400	Silicone Resin	PU	Oily	Medium	No	Yes	200

POLYMER PROCESSING SELECTION CHART

PRODUCT TYPE	APPLICATION REQUIREMENT	CHARACTERISTICS		RECOMMENDED PRODUCT	PAGE
SILICONE	Nylon, PP, PE	Heavy-duty		**FORMULA 1**	54
	Synthetic Fibres: Nylon	High Temp / Heavy-duty		**FORMULA 1 HT**	54
	PU	High Gloss		**PUR 400**	55
	Thermoplastics & Rubber	Medium Duty		**FORMULA 6**	54
	Non-transfer	Semi-Permanent Dry Film		**DP 200**	58
	ABS, PE, PP, PVC, PA, PU	Paintable/Post-Process OK		**FORMULA 20**	55
	Plastics & Rubber	General-purpose		**HD-SIL RELEASE**	55
	Rubber & Natural Polymers	Medium Duty		**FORMULA 2**	54
	Plastics & Rubber	Light Duty		**FORMULA 8**	54
NON - SILICONE	Thermoplastics	Heavy-duty		**FORMULA 7**	56
	Thermoset, PU, Epoxy, PE	Dry Film		**FORMULA 10**	56
	PVC, PU & Flexible Polymers	Wet Film		**FORMULA 4**	56
	Electronic 'Grade' Polymers	Minimal Transfer		**FORMULA 11**	57
	LDPE, HDPE, PP, PVC, PS, POM, PA	Multiple Releases		**FORMULA 14**	57
	Thermoplastics	General-purpose		**NO-SIL RELEASE**	58
	Fine Details Thermoplastics	Medium Duty, Dry Film		**FORMULA 5**	56
	Synthetic Rubbers, PP, PE	Semi-Permanent		**FORMULA 12**	57
	GRP, Epoxy, PE, Rotational	Semi-Permanent		**RELEASE 100**	58
SPECIALIST	General-purpose	Water-based	Silicone	**MPR 100**	58
	Rotational Moulding	Water-based	Semi-Permanent	**ROM 300**	59
	GRP, High Gloss	Wax		**COM 300**	59
	Composites (inc: Boron, Amide, & Carbon)	Semi-Permanent		**RELEASE 100**	58
	Semi-Rigid & Integrated Skin PU	Solvent-based	Wax & Silicone	**PUR 101**	59
	Rigid Insulation & Semi-Rigid PU	Solvent-based	Allows Post-Process Painting	**PUR 300**	59
	High Gloss Elastomeric PU	Solvent-based	Wax & Silicone	**PUR 400**	55
	Ejector Pin Lubricant			**EJECTOR PIN LUBRICANT FG**	60
FOOD & BEVERAGE PACKAGING FOOD PROCESSING SAFE®	Mould / Packaging Release (Food Contact)	Silicone		**SILICONE RELEASE FG**	55
		Non-Silicone		**NON-SILICONE RELEASE FG**	57
	Mould Tool Protection	Visible	Blue	**BLUE MOULD PROTECTIVE FG**	60
			Clear	**CLEAR MOULD PROTECTIVE**	61
	Mould / Tool & General Cleaner	Solvent		**SOLVENT CLEANER FG**	62
ANTI-CORROSION	Short-Term Protection	Oily		**MOULD PROTECTIVE**	60
	Longer-Term Protection	Visible		**GREEN MOULD PROTECTIVE**	60
				TOOL GUARD	61
		Clear		**CLEAR MOULD PROTECTIVE**	61
CLEANING	Mould & Form Solvent Cleaner			**MOULD CLEANER**	61
				MOULD SOLV	62
		Heavy-duty		**POLYMER REMOVER**	61
		Specialist		**POLYESTER MOULD CLEANER**	62

FORMULA 6



MEDIUM DUTY SILICONE RELEASE AGENT

A general-purpose release agent for all thermoplastics and many types of rubber. It is highly versatile as a release agent, ensuring accurate mould detail and improving surface finish without building up in the mould.

- Improves surface finish, minimises imperfections, and enhances even well polished tool release properties
- Operational to +200°C
- Can also be used as an anti-stick agent in the textile, foam converting, printing, and shoe industries

400 ml 25 l



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 1



HEAVY-DUTY SILICONE RELEASE AGENTS

Heavy-duty, high silicone concentration, mould release agent available as either a 'regular' or 'high temperature' version.

- Operational temperature up to +200°C for regular version
- Automotive approved: Ford Tox No.: 168735
- Formula 1 HT is a highly effective spinneret lubricant for use in the manufacture of synthetic fibres
- "HT" Version: +200°C continuous, +300°C intermittent

400 ml 25 l 200 l



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 2



SILICONE RELEASE AGENT FOR RUBBER

A medium duty, silicone-based release agent formulated to release natural rubber and polymers with lower melt temperatures.

- A wet silicone film for the release of moulded rubber parts
- Provides an improved surface finish and will not build up in the mould
- Operational to +200°C
- Particularly effective for use in the tyre industry
- A versatile release agent

500 ml



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 8



LIGHT DUTY, SILICONE MOULD RELEASE AGENT

Light duty, silicone mould release agent that provides a highly effective release for plastic and rubber moulding.

- Especially suitable for fine detail and precision mouldings
- Use for injection moulding, compression moulding, and vacuum forming processes
- Suitable for wax pattern release in investment casting

400 ml



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 20



PAINTABLE SILICONE RELEASE AGENT

Specialist mould release agent based on a unique active material that allows post-moulding operations e.g. coating, painting, plating, and adhesion.

- No oily film - reduces the requirement to clean
- Effective on a wide variety of materials including: ABS, Polyethylene, Polypropylene, PVC, Polyamides, and Polyurethanes
- Removes the need to wax wash drying investment casting



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml

SILICONE RELEASE FG



FOOD GRADE SILICONE RELEASE AGENT

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

- NSF registered M1
- Suitable for use as a mould release agent (NSF M1) and packaging machine anti-stick oil (NSF H1) where the finished article will have direct to food contact
- Maximum Operational temperature : +200°C
- Totally clean, clear, and non-staining 'wet' film



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml

HD-SIL RELEASE



GENERAL-PURPOSE SILICONE MOULD RELEASE

A wet film, general-purpose silicone release agent with excellent anti-stick and slip properties. Particularly suited to injection moulding.

- A clean, colourless, odourless release agent
- Leaves an oily, heavy-duty silicone film for multiple releases
- Operational to +200°C
- Excellent materials compatibility



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

500 ml

PUR 400



SILICONE RELEASE AGENT FOR PU

A silicone release agent that has been specifically formulated to provide a fine release film for use with integral skin and elastomeric polyurethanes.

- High quality, high gloss, even finish
- Fine spray pattern for excellent coverage
- Low odour
- No build up on mould surface - suitable for use on low temperature mouldings
- Operational to +200°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

500 ml
25 l
200 l

FORMULA 5



MEDIUM DUTY, NON-SILICONE RELEASE AGENT

A medium duty, dry film, non-silicone mould release agent that provides an excellent release for all types of thermoplastics, some thermosetting plastics, silicone rubber, and most other rubber types.

- Will not interfere with post moulding treatments such as painting, printing, bonding, or plating
- Does not build up in the mould
- Operational to +150°C
- Automotive approval: Ford Tox No: 174011



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml

FORMULA 4



NON-SILICONE RELEASE AGENT FOR PVC

Excellent release for PVC, Polyurethane elastomers, and other flexible polymers. Ideal for the release of moulded shoe soles.

- A wet film mould release that imparts a gloss finish to moulded parts
- Will not interfere with post moulding operations
- Does not build up in the mould
- Operational temperature to +200°C
- Passes crib source 5, Furniture & Furnishings (Fire Safety) Regulations 1988



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml

FORMULA 7



HEAVY-DUTY, NON-SILICONE RELEASE AGENT

A wet film, non-silicone release agent that provides excellent release on a wide range of thermoplastics and rubbers.

- Will not interfere with post-moulding operations such as painting, bonding, plating, or printing
- Does not build up in the mould
- Operational temperature up to +170°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml 25 l

FORMULA 10



DRY FILM, NON-SILICONE RELEASE AGENT

Highly effective release agent for thermosetting plastics. Provides excellent release properties on polyurethanes, epoxy resins, and polyesters.

- Will not interfere with post-moulding operations such as painting, bonding, plating, or printing
- Release agent does not build up in the mould
- Operational temperature to +180°C
- Utilises fluorinated resins as the active release component



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml PTFE FREE

FORMULA 11



400 ml

MINIMAL TRANSFER NON-SILICONE RELEASE AGENT

Suitable for 'electronic' grade polymer types. A non-silicone release agent with an ultra-thin, dry film, ideal for use with polymers such as Polycarbonate, ABS and HIPS (high impact styrene).

- Will not interfere with post moulding treatments such as painting, printing, bonding, or plating.
- Operational temperature to +150°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

NON-SILICONE RELEASE FG

FOOD PROCESSING SAFE M1 NSF



400 ml

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 M1 registered
- Use on food packaging which is intended for direct food contact such as plastic containers and bottles
- Will not interfere with post moulding operations such as bonding and labelling
- Operational temperature to +170°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 12



400 ml

SEMI-PERMANENT NON-SILICONE RELEASE

Non-silicone release agent formulated to release a wide variety of synthetic rubbers and many thermoplastics such as polypropylene & polyethylene.

- Forms a thin, inert and thermally stable coating from which multiple releases can be expected
- Fast cure time
- Moulding can commence 5-10 minutes after application
- Operational temperature to +250°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

FORMULA 14



400 ml

NON-SILICONE RELEASE AGENT

Non-silicone release agent specifically developed for the release of thermoplastics: LDPE, HDPE, PP, PVC, PS, POM, PA.

- Excellent release properties in a durable film
- Operational temperature up to +200°C
- Multiple releases per application can be achieved giving improved economy in use



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

NO-SIL RELEASE



GENERAL-PURPOSE NON-SILICONE RELEASE AGENT

Provides a wet, heavy-duty film for the release of plastic and rubber parts.

- Allows decorative treatment of the moulded part (e.g. Painting)
- For use in injection moulding, vacuum forming and many other forming processes
- Operational temperature to +170°C



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

500 ml

RELEASE 100



SOLVENT-BASED SEMI-PERMANENT RELEASE

Specifically formulated to give multiple releases of a wide range of fibre reinforced polymers (including epoxy).

- Low odour and easy to apply
- Fast room temperature cure for maximum productivity
- High gloss & high slip
- Non-transferring film will not interfere with post moulding operations such as bonding, plating, coating, or labelling
- Highly versatile for use in many moulding operations



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

5 l

DP 200



SEMI-PERMANENT SILICONE RELEASE AGENT

A silicone resin based, air-curing, highly durable, dry film, semi-permanent release coating.

- Formulated for moulding processes where the use of 'free silicone' can cause stress cracking
- Suitable for use in rotational moulding operations
- Operational temperature to +200°C
- Rolls Royce Approved: 116061



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

400 ml

MPR 100



READY TO USE WATER-BASED SILICONE EMULSION RELEASE AGENT

Releases many types of plastic and rubber, especially PVC and rubber profile extrusions.

- Effective release of concrete/stone castings
- Operational temperature up to +150°C
- Economical in use and environmentally 'friendly'



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

25 l

COM 300



GENERAL-PURPOSE WAX RELEASE AGENT

A general-purpose liquid wax release agent effective on the following moulds: gel coated, non-gel coated, MDF, plaster, timber and aluminium.

- Simple and easy to apply liquid that can be buffed to a high gloss finish
- Multiple release of moulded components before re-coating is required



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

25 l

PUR 101



RELEASE AGENT FOR SEMI-RIGID AND INTEGRAL SKIN POLYURETHANES

PUR 101 is a specialised mould release agent based upon a mixture of waxes and non-curing silicone resins in a blend of fast evaporating solvents.

- Formulated for moulding of polyurethanes, the product has proved particularly effective in automotive applications
- Minimal build up and transfer



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

25 l

PUR 300



MOULD RELEASE AGENT FOR RIGID AND SEMI-RIGID POLYURETHANES

Specifically formulated to facilitate the release of high-density rigid polyurethanes and refrigeration/insulation foams.

- Does not interfere with post moulding operations, allowing bonding, plating, painting, and labelling
- Reduced post moulding costs (no degreasing required)



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

25 l
200 l

ROM 300



WATER-BASED, SEMI-PERMANENT ROTATIONAL MOULDING RELEASE AGENT

Specially formulated water-based release agent for use in rotational moulding operations.

- Fast curing with a lower mould residue build-up
- Non-flammable
- Reduced environmental impact, safer in use



RELEASE LEVEL
TEMP. RESISTANCE
NUMBER OF RELEASES
APPLIED FILM TRANSFER

5 l

EJECTOR PIN LUBRICANT FG



MOULD TOOL LUBRICANT

A heavy-duty, viscous lubricant for ejector pins and other close tolerance mould tool parts.

- NSF H1 registered (no.161560)
- Viscous film prevents creep onto mould tool face
- Lubricating film is clear and non-staining
- Operational temperature to +120°C



MATERIALS COMPATIBILITY
LUBRICITY
TEMP. RESISTANCE
FILM VISCOSITY

400 ml

EUROPEAN KOSHER

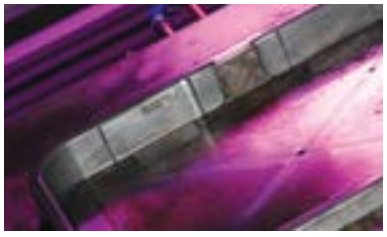
MOULD PROTECTIVE



CORROSION INHIBITOR FOR MOULD TOOLS

Non-silicone corrosion inhibitor for injection moulding tools and dies.

- Repels and displaces moisture leaving a durable, non-greasy protective film
- Applied film will not harden or crack
- Allows handling and resists acid finger marks
- Light yellow film ensures total coverage can be seen
- The cured film will not stain moulds



CURED FILM DRYNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

200 l

GREEN MOULD PROTECTIVE



HIGHLY VISIBLE CORROSION INHIBITOR

Tenacious and long-lasting anti-corrosion treatment for mould tools. The highly visible green spray provides easy visual inspection to ensure complete coverage.

- Non-silicone corrosion inhibitor for injection moulding tools
- Repels and displaces moisture leaving behind a durable protective film for excellent long-term tool storage
- Waxy film allows handling & will resist acid finger marks
- Easily moulded off once production recommences
- Ideal for the long-term storage of mould tools



CURED FILM DRYNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

BLUE MOULD PROTECTIVE FG



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



CURED FILM DRYNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

EUROPEAN KOSHER

TOOL GUARD



LIGHT GREEN MOULD TOOL PROTECTIVE

A light green, viscous, protective coating for use on mould tools. It removes moisture and provides good, long-term protection to surfaces.

- Easy identification of treated areas for total coverage
- Will not penetrate or creep into the mould tool
- Resists high humidity and acid finger marking
- Easy to apply with good wetting properties
- Excellent corrosion protection
- Also available in a clear version as Tool Guard Clear



CURED FILM DRYNESS
LONGEVITY
PROTECTION
FLEXIBILITY

500 ml

CLEAR MOULD PROTECTIVE



TRANSPARENT CORROSION INHIBITOR

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

- Displaces moisture leaving a durable, non-greasy protective film
- NSF H2 registered (No.49688)
- 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



CURED FILM DRYNESS
LONGEVITY
PROTECTION
FLEXIBILITY

400 ml

POLYMER REMOVER



HEAVY-DUTY MOULD CLEANER

Highly effective and powerful solvent blend developed for use on polymer residues and soiled tooling/equipment.

- Controlled rate of evaporation for maximum efficiency
- Removes: plastics, rubbers, and resin deposits including: ABS, Acetals, Acrylates, PVC, Epoxy Resins (uncured), Polyamides, Polystyrenes, Silicone Resins, and Rubbers
- It will also remove other materials such as cellulose resins and alkyd resins



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

MOULD CLEANER



GENERAL-PURPOSE CLEANER FOR MOULD TOOLS

A powerful solvent blend formulated to remove a wide range of common soiling from moulds, tools & dies.

- Quickly and easily removes oils, grease, old protective films & release agents
- Ideal for removing old release agents
- Evaporates to leave a clean, dry, residue free surface
- Special formulation allows use on hot production tooling without excessive solvent loss



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml 5 l

SOLVENT CLEANER FG



FOOD GRADE SOLVENT CLEANER FOR MOULD TOOLS

A general-purpose solvent cleaner that is suitable for use in the food/ beverage sector.

- Quickly removes oils, greases, waxy protective films, and release agent residue
- Evaporates to leave a clean, dry, residue free surface
- Excellent materials compatibility
- Low odour



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

400 ml

EUROPEAN KOSHER

POLYESTER MOULD CLEANER



SOLVENT CLEANER FOR MOULDS

A blend of powerful solvents specifically developed to remove semi-permanent mould release coatings used in GRP and rotational moulding from a wide variety of mould substrates.

- Safe for use on GRP and gel coated moulds
- Effective removal of semi-permanent, silicone, and wax release agents
- Compatible with all Ambersil composite release agents



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

5 l

MOULD SOLV



SOLVENT CLEANER FOR MOULDS & TOOLS

A medium power, low odour solvent for the general cleaning and preparation of mould tools.

- Highly effective low odour degreasing agent
- Safe for use on plastics, metals, painted and glazed surfaces
- Removes anti-corrosion coatings and old release agents



MATERIALS COMPATIBILITY
EVAPORATION RATE
CLEANING POWER
POST-PROCESS RESIDUE

500 ml

NOTES

GLOSSARY

ADD
The Aerosol Dispensers Directive is a piece of European legislation, the primary purpose of which is to protect consumer and end-user safety in relation to the use of aerosol dispensers. Amongst other criteria, ADD requires that all filled aerosols are tested to ensure complete integrity (water bath testing to 50°C) and that all formulations are thoroughly tested to evaluate potential flammability – and labelled accordingly. With the addition of the compliance mark (the reversed epsilon ' ') located on the aerosol can itself, consumers are able to confirm that the aerosol has been tested to rigorous EU standards.

AEROSOL
A self-contained sprayable product comprising of a mixture of active ingredients, carriers and propellant contained in a steel or aluminium container which discharges the formulation under pressure. Aerosols are hermetically sealed, ensuring risk of spillage is removed, storage simplified, and combustion risks minimised - all benefiting Health & Safety guidelines. Assists with precise and controlled application.

BARRIER PROTECTION
Barrier protection is one of two primary methods of protecting metals from corrosion. By coating the metal with a suitable product (e.g. Acrylic Paints; Bright, Cold Galvanise; Inox 200, etc), corrosion is unable to take place because electrolytes (such as rain water) are unable to come into contact with the metal and an electron flow cannot be established, thus preventing galvanic corrosion..

BIODEGRADATION / BIODEGRADABLE
The process by which organic substances are broken down into harmless constituents by the natural action of living micro-organisms.

BORON NITRIDE
Boron nitride is a synthetic compound made of boron and nitrogen atoms which has a layered structure similar to graphite. These layers can slide over each other easily, giving BN its excellent lubricating properties. It also has excellent resistance to chemicals as well as high thermal conductivity.

CATHODIC PROTECTION
Cathodic protection is based on the ionic charge of the metal and the reversal or mitigation of the flow of electrons as found in galvanic corrosion. The protective coating applied should have a lower potential (volts) than the metal it is to protect so that the coating is corroded in preference to the base metal – with protection often extending beyond the physical edge of the coating. By offering itself for corrosion instead of the base metal, this type of coating is often termed 'sacrificial' and is, in essence, how galvanised steel is protected.

CHLORINATED SOLVENTS
Chlorinated solvents are organic solvents which contain chlorine atoms as part of their chemical make-up. These compounds are very effective solvents for oils and greases.

DIELECTRIC STRENGTH
The maximum electrical field strength that an insulating material can withstand intrinsically without decomposing, usually specified in volts per millimetre of thickness. Also known as the breakdown voltage.

EDTA
EDTA is the chemical compound ethylenediaminetetraacetic acid, also known as diaminoethane tetraacetic acid disodium salt. It is most commonly used as a constituent in water-based cleaning chemicals to bind with a water soluble compound. This use has now become less prominent due to concerns over the biodegradability and EDTA has also found some specialist uses as a preservative in some processed foods and cosmetics.

EMULSION
A combination of water-soluble and water insoluble chemical groups held together by a surfactant. Emulsions are usually milky white.

EVAPORATION RATE
The rate at which a material will vaporise (evaporate) when compared to the known rate of vaporisation of a standard material. The designated standard material is usually n-butyl acetate, with a vaporisation rate designated as 1.0. The higher the number, the faster the evaporation rate.

FDA
The FDA (Food and Drugs Administration) ensures that all ingredients used in foods are safe, and that food is free of contaminants such as disease-causing organisms, chemicals, or other harmful substances. The FDA reviews the results of laboratory, animal and human clinical testing conducted by companies to determine if the product they wish to place on the market is safe and effective. The FDA does not develop or test products itself, nor issue approvals'.

FLASH POINT
The lowest temperature at which the vapours of a solvent will flash (ignite) under specific test conditions.

GALLING
The process by which metal components 'cold weld' and seize. When two metals are brought together under pressure, the action of forcing the surfaces together can cause the contacting faces to begin to combine at an atomic level, fusing the pieces together. Where stainless steel or aluminium alloys are used, the friction can scour off the thin, non-reactive protective oxide layer, exposing clean reactive material - allowing atomic fusing to occur. Galling can be prevented by the use of a lubricant, such as bearing grease, however, grease needs to be 'worked' before full lubrication is achieved, therefore a running-in paste should be used to prevent galling in this start-up period.

GALVANIC CORROSION
Is an electrochemical process which occurs when two metals with differing electrical potentials are in contact with each other in the presence of an electrolytic solution (such as rain water).

GALVANISING
Galvanising is the process by which clean, degreased ferrous metal (i.e. steel) has a layer of zinc applied to its surface using extreme heat to form an inseparable alloy at the point where the two layers are fused. Zinc will be corroded in preference to the ferrous substrate thereby preventing structural corrosion. This type of coating is referred to as a 'sacrificial coating'.

GHS/CLP
The Classification, Labelling and Packaging (CLP) Regulation implements the UN Global Harmonised System (GHS) in all EU member states. Currently there are several differing pieces of legislation relating to the classification, labelling and packaging of dangerous substances worldwide. GHS will implement identical criteria for classifying chemicals according to the health, environmental and physical hazards; and also for how hazards are communicated via product labels and MSDS's. Manufacturers will need to plan the phase-in of complete label and packaging (print) re-design; the updating of all MSDS's and the communication of these changes through the channel. These changes will include the introduction of new hazard warning pictograms and harmonised warning and precautionary statements on labels, which will replace the existing risk and safety phrases.

GWP
Abbreviation for "Global Warming Potential". GWP is an industry recognised, arbitrary measure of the effect of various chemicals on global; warming. The benchmark reference is Carbon Dioxide (CO_2) with a score of 1 for 1kg. A product that contributes twice as much to global warming would have a score of 2 for 1kg, indicating double the impact for the same amount. As the number gets higher, so the effect of 1Kg of the material can be seen to be proportionally more severe than CO_2. The score allows users and specifiers to consider the environmental impact of the products they are using. Not all products on the market will have a GWP score.

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.

HALAL
This is an Arabic term which means permissible or lawful in Islam, where items are prepared or kept in conditions that follow the rules of Islamic law.

HARAM
This is an Arabic term which means impermissible or unlawful in Islam.

HAZARD SYMBOLS

ENVIRONMENTAL HAZARD



Hazardous to the environment

GLOSSARY

HEALTH HAZARD



Serious Health Hazard



Health Hazard



Corrosive

PHYSICAL HAZARD

Extremely flammable aerosol



Flammable aerosol

Highly flammable liquid and vapour

Flammable liquid and vapour

ISO 9001

Internationally recognised Quality Management system standard, indicating Ambersil's commitment to quality and continuous improvement. The standard has been developed to provide a framework around which a quality management system can effectively be implemented.

ISO 14001

Internationally recognised environmental management standard. Specifies the requirements for an environmental management system; provides a framework for an organisation to control the environmental impacts of its activities, products and services, and to continually improve its environmental performance.

KB VALUE

The Kauri Butanol (KB) value is a measure of the relative solvent power of a hydrocarbon liquid. The higher the KB value, the more powerful the solvent.

KOSHER

Refers to food items that meet specific dietary laws outlined in Jewish tradition, including guidelines about which animals can be eaten, how they are slaughtered, and how foods are handled and combined (for example, not mixing meat and dairy). Certification by a kosher authority ensures that the food complies with these standards, making it suitable for consumption by those who observe kosher dietary practices.

MODULUS

Where two substrates/surfaces are bonded together with either an adhesive or sealant, they are often subject to forces which could, with enough pressure, result in the bond failing. Modulus is measured in Pascal's. Low modulus means the bond is more flexible and has more 'give' in it, i.e. good for expansion joints. High modulus means that the bond is stiffer and less flexible.

MRO

Abbreviation for the term "Maintenance, Repair, and Overhaul". Typically associated with the service and repair sectors, including plant and site maintenance / engineering.

NLGI GRADE

A widely used classification for lubricating greases established by the National Lubricating Grease Institute and a reference to the measure of the consistency of a particular grease. The most common consistency number is #2. Softer grades, especially #0 and #1, are often used for improved low-temperature service. High consistency numbers, #3 through #6 are used for certain high-speed bearings where leakage and sealing are particular concerns. The higher the number, the more viscous the grease.

NSF EXPLAINED

NSF is an abbreviation for the National Sanitation Foundation, which was founded in 1944 as a not-for-profit, 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 Program to re-introduce the previous authorisation program 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™.

NSF CATEGORIES

3H

This product is acceptable for use as a Release Agent on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces in contact with meat and poultry food products to prevent food from adhering during processing.

H1

This product is 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. If used as an anti-rust film, the compound must be removed from the equipment surface, leaving the surface effectively free of any substance which could be transferred to food.

M1

This product is acceptable for use as a mould release agent on moulds that are used to produce packaging material that will contact food to prevent the finished product from adhering to the mould. The amount used on the equipment should be the minimum required to accomplish the effect.

A1

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.

A7

Acceptable as a metal cleaner and polisher for non-food contact surfaces (A7) in and around food processing areas. All food products and packaging materials shall be removed or carefully protected prior to usage. 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.

A8

Acceptable for use as a degreaser or carbon remover for food cooking or smoking equipment, utensils, or other associated 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. A potable water rinse of cleaned surfaces is required after use of this product.

H2

Acceptable as a lubricant where there is no possibility of food contact (H2) 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.

K2

This product is 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.

K3

This product is 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.

GLOSSARY

P1

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.

C1

Acceptable for use in inedible product processing areas, non-processing 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.

K1

This product is 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.

OZONE DEPLETERS

Halogen-containing substances known to reduce the protective effects of the stratospheric ozone layer. Aerosols manufactured within Europe have been free of ozone depleting substances for many years.

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.

POTABLE WATER

Water of sufficient quality to serve as drinking water is called potable water whether it is used as such or not. Although most fresh water sources are drinkable by humans, they can be a disease vector or cause long-term health problems if they do not meet certain water quality guidelines.

PTFE

The abbreviation for polytetrafluoroethylene, PTFE, appears in the Guinness Book of Records as having the lowest coefficient of static and dynamic friction of any solid. This value, at 0.02, is equivalent to wet ice on wet ice, indicating its extreme anti-friction properties.

REACH

Registration, Evaluation and Authorisation of Chemicals. REACh is an EU-wide reform of the regulatory environment in which chemicals are used and will eventually replace and update many other pieces of chemical control legislation. The aim is to reduce the risks to human health and the environment through the methodical and accurate identification of the properties of chemical substances. Whilst there is no definitive list of 'approved' chemicals as yet, a series of deadlines will ensure that the highest volume and most harmful are evaluated first. REACh relies on end-user application information to be filtered up through the supply chain to establish accurate registration and evaluation. More information can be found at: www.hse.gov.uk/reach.

RAL

In 1925, the private sector and the German government founded the "Reichsausschuss für Lieferbedingungen" - RAL - (Committee of the German Reich for Terms and Conditions of Sale). RAL's original task was to standardise precise technical terms of delivery and sale. The RAL colour collection comprises over 200 colours with a four-digit numbering. The registers also include safety and signal colours and they comply with the requirements of the DIN standards (German Industrial Standards). The basic collection for matt colour shades is the register RAL 840 HR while it is the RAL 841 GL register for gloss colours. RAL 840 HR is the European-wide 'registered' standard colours for the coatings industry.

RTV (ROOM TEMPERATURE VULCANISATION)

Vulcanisation refers to a specific curing process of rubber involving high heat and the addition of sulphur. It is a chemical process in which polymer molecules are linked to other polymer molecules resulting in springy rubber molecules which become cross-linked. This makes the material harder, much more durable and also more resistant to chemical attack. Vulcanisation which occurs without the need for heat and sulphur, usually by the addition of activating chemicals, is known as Room Temperature Vulcanisation as the rubber 'cures' at around 25°C.

SHELL 4-BALL WELD

An industry standard test which provides an indication of the load bearing capability of a lubricant. A steel ball is loaded and rotated against 3 fixed steel balls for 10 seconds. At the end of each 10 second run, a further weight is loaded onto the balls, and the test re-run using fresh lubricant. The test is complete when the balls weld together. The weld point is the load at which this occurs. The higher the weld point, the greater the lubricity (lubricating ability) of the grease.

SPECIFICATIONS

... "APPROVED"

Indicates a product has completed a specific process at a user. This process may include detailed testing, or it may simply be a purchasing decision based on data sheet review.

... "MEETS THE REQUIREMENTS OF..."

During development and formulation, the product has been evaluated by our chemists against the defined test specification and deemed that if submitted for independent evaluation at an accredited test facility, it would pass.

... COMPANY NAMES

Where specific company names are used, these do not reflect either explicit or implied recommendation.

SURFACTANT

A descriptive term derived from 'Surface Active Agent', a specialised compound that is typically used to connect water soluble and water insoluble chemical groups. Can be used to improve the emulsifying, foaming, dispersing and wetting properties of a product

TACCP

Threat Assessment and Critical Control Points: Similar to HACCP, this focusses on food/beverage defence: food tampering, intentional adulteration, or contamination. The threat assessment looks at the motivations and opportunities a person may have for interference with products, and the control/mitigation of malicious intent occurrences.

THIXOTROPIC

A term used to describe fluids which are shear thinning. In essence, most thixotropic substances are gel-like, meaning that they retain their shape upon application, but when heated or subjected to shear stress, their shape will change and they will become thinner. The word comes from the Greek 'thixis' for touch and 'tropy', from 'tropos' meaning changeable.

UKCA

The UK Conformity Assessed mark is a mandatory mark on a product to indicate that it conforms to UK legislation.

USDA

The USDA (United States Department of Agriculture) used to authorise the use of non-food compounds, including cleaning agents and lubricants, within the Food Industry sector. In 1999, this former authorisation program was reintroduced as a voluntary registration program by NSF International. USDA categories for lubricants: USDA H1 for incidental food contact (above the food line) USDA H2 for where there is no possibility of food contact (below the food line).

VACCP

Vulnerability Assessment and Critical Control Points: Similar to TACCP, this focusses on (but not limited to) the supply side of the organisation, specifically the adulteration of foodstuffs for financial gain such as product substitution, bulking-out with a cheaper ingredient, or the sale of counterfeit or stolen goods.

VISCOSITY

A term used to describe the resistance to flow or degree of 'thickness' of a liquid, usually expressed in units of poise or stokes. The more viscous a product, the thicker its consistency.

WEILS DISEASE

Weil's disease is a particularly dangerous disease which is predominantly caught from standing water infected with the pathogen (bacteria) known as Leptospirea, from rat and rodent urine. Symptoms are similar to those of influenza, meningitis, hepatitis, dengue or viral haemorrhagic fevers and can be fatal if left untreated.

WRAS

The Water Regulations Advisory Scheme is the UK Water Industry's approval scheme. Products approved by the scheme have been shown to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 and amendments. The scheme is designed to promote knowledge of the regulations with a view to preventing the waste, undue consumption, misuse or contamination of drinking water. Approved products can be found at www.wras.co.uk/directory.

CONTENTS BY NAME

PRODUCT NAME	NR.	REF.	FILL	TYPE	PAGE
3H Oil	1031398	32326	5 l	Bulk	29
40+	1031437	32400	200 ml	Aerosol	28
40+	1030994	31563	400 ml	Aerosol	28
40+	1030779	30822	500 ml	Aerosol	28
40+	1032581	33246	500 ml	Bottle	28
40+	1031077	31635	5 l	Bulk	28
40+	1031106	31711	25 l	Drum	28
40+	1031107	31712	200 l	Drum	28
40+ PermaStraw	1753652	33180	400 ml	Aerosol	28
5005A Silicone Adhesive Sealant	1031079	31644	75 ml	Tube	50
5024A Silicone Adhesive Sealant	1031128	31753	310 ml	Cartridge	50
5024A Silicone Adhesive Sealant Black	1030766	30732	310 ml	Cartridge	50
5024A Silicone Adhesive Sealant Silver	1040551	33406	310 ml	Cartridge	50
5024A Silicone Adhesive Sealant White	1030765	30730	310 ml	Cartridge	50
Acrylic Conformal Coating	1030484	30235	400 ml	Aerosol	48
Acrylic Paint Battleship Grey	1030274	20186	400 ml	Aerosol	45
Acrylic Paint Belle Orange	1030355	20559	400 ml	Aerosol	45
Acrylic Paint Blue	1030272	20185	400 ml	Aerosol	45
Acrylic Paint Bright Red	1030270	20184	400 ml	Aerosol	45
Acrylic Paint Bright Yellow	1030277	20188	400 ml	Aerosol	45
Acrylic Paint Chrome Silver	1030280	20190	400 ml	Aerosol	45
Acrylic Paint Ford Blue	1030348	20555	400 ml	Aerosol	45
Acrylic Paint Gloss Black	1030267	20182	400 ml	Aerosol	45
Acrylic Paint Gloss White	1030269	20183	400 ml	Aerosol	45
Acrylic Paint Green	1030276	20187	400 ml	Aerosol	45
Acrylic Paint Grey Primer	1030279	20189	400 ml	Aerosol	45
Acrylic Paint JCB Yellow	1030350	20556	400 ml	Aerosol	45
Acrylic Paint John Deere Green	1030353	20558	400 ml	Aerosol	45
Acrylic Paint Massey Fergusson Red	1030352	20557	400 ml	Aerosol	45
Acrylic Paint Matt Black	1030265	20180	400 ml	Aerosol	45
Acrylic Paint Matt White	1030266	20181	400 ml	Aerosol	45
Acrylic Paint Rittal Grey	1030283	20195	400 ml	Aerosol	45
Acrylic Paint Satin Black	1031252	32060	400 ml	Aerosol	45
Adhesive HS 300	1031061	31625	500 ml	Aerosol	51
Adhesive Lubricant	1031491	32500	400 ml	Aerosol	34
Adhesive MP 100	1031060	31624	500 ml	Aerosol	51
Adhesive NC 500	1031059	31623	500 ml	Aerosol	51
Adhesive QS 900	1031062	31626	500 ml	Aerosol	51
AGL 1	1031001	31567	400 ml	Aerosol	28
Air Duster	1753654	33181	400 ml	Aerosol	18
Air Duster Extreme	1032624	33279	340 ml	Aerosol	18
Alu Hi-Temp	1030538	30296	400 ml	Aerosol	47
Amberclens	1031038	31592	400 ml	Aerosol	14
Amberclens	1031041	31593	750 ml	Bottle	14
Amberclens FG	1030490	30241	500 ml	Aerosol	14
Amberglide	1031006	31571	400 ml	Aerosol	31
Ambergrease EXL	1030544	30304	400 g	Cartridge	34
Ambergrease EXL	1031012	31574	12.5 kg	Bulk	34
Ambergrease FG1	1031029	31584	400 g	Cartridge	35
Ambergrease FG2	1031031	31585	400 g	Cartridge	35
Ambergrease FG3	1030511	30258	380 g	Cartridge	35
Ambergrease SIL	1031156	31888	100 ml	Tube	36
Amberklene FE10	1030980	31553	400 ml	Aerosol	20
Amberklene FE10	1030983	31553	400 ml	Aerosol	20
Amberklene FE10	1031076	31634	5 l	Bulk	20
Amberklene FE10	1030545	30308	25 l	Bulk	20
Amberklene FG	1030491	30242	500 ml	Aerosol	21
Amberklene LO30	1030985	31555	400 ml	Aerosol	20
Amberklene LO30	1031097	31699	5 l	Bulk	20
Amberklene LO30	1031098	31700	25 l	Drum	20
Amberklene ME20	1030984	31554	400 ml	Aerosol	20
Amberklene ME20	1031078	31636	5 l	Bulk	20
Amberklene VOC Free	1756825	33457	400 ml	Aerosol	20
Ambersolv AB1/Foaming Cleaner	1031045	31597	400 ml	Aerosol	14
Ambersolv AB1/Foaming Cleaner	1031135	31783	25 l	Drum	14

CONTENTS BY NAME

PRODUCT NAME	NR.	REF.	FILL	TYPE	PAGE
Ambersolv SB1	1031046	31598	400 ml	Aerosol	22
Ambersolv SB1	1031136	31785	5 l	Bulk	22
Ambersolv SB1	1031137	31786	25 l	Drum	22
Ambertron	1030978	31552	400 ml	Aerosol	24
Ambertron	1031096	31695	25 l	Drum	24
AMS4 Silicone Grease	1030998	31566	400 ml	Aerosol	36
Anti-Static Spray	1030993	31561	400 ml	Aerosol	19
Assembly Paste FG	1031034	31587	400 ml	Aerosol	32
BA40 Solvent	1030988	31556	400 ml	Aerosol	22
Battery Terminal Protector	1031054	31618	500 ml	Aerosol	47
Belt Dressing FG	1030509	30257	400 ml	Aerosol	33
Bioweld	1031057	31621	400 ml	Aerosol	42
Bioweld	1031117	31727	5 l	Bulk	42
Bioweld	1031116	31726	25 l	Drum	42
Bioweld	1031118	31728	200 l	Drum	42
Blue Mould Protective FG	1031456	32449	400 ml	Aerosol	60
Brake Cleaner	1030527	30282	500 ml	Aerosol	23
Brake Cleaner	1031133	31772	5 l	Bulk	23
Bright Cold Galvanise	1030536	30292	400 ml	Aerosol	46
CCL 100	1031157	31889	400 ml	Aerosol	19
Chain Lube FG	1030495	30245	400 ml	Aerosol	33
Chain Lube FG	1030526	30278	5 l	Bulk	33
Chainspray	1031013	31575	400 ml	Aerosol	33
Clear Mould Protective	1030970	31547	400 ml	Aerosol	61
Cold Galvanise	1030534	30291	400 ml	Aerosol	46
COM 300	1031119	31731	25 l	Drum	59
Contact Cleaner FG	1031035	31588	400 ml	Aerosol	24
Copper Anti-Seize Paste	1030543	30303	400 ml	Aerosol	32
Copper Anti-Seize Paste	1030487	30239	500 g	Can	32
Corrosion Inhibitor	1031064	31628	400 ml	Aerosol	47
Corrosion Inhibitor	1031104	31709	25 l	Bulk	47
Corrosion Inhibitor	1031105	31710	200 l	Drum	47
Degreaser Concentrate	1031272	32090	5 l	Bulk	14
Degreaser Concentrate	1031132	31763	25 l	Bulk	14
Degreaser FG	1754601	33419	1 l	Bottle	15
Degreaser RTU	1030914	31464	750 ml	Bottle	14
Direct Contact Food Lube FG	1032739	33367	400 ml	Aerosol	29
DP 200	1030953	31538	400 ml	Aerosol	58
Dry Film Anti-Stick	1031010	31573	400 ml	Aerosol	31
Dry Moly	1031016	31576	400 ml	Aerosol	32
Dry Lube FG	1031037	31589	400 ml	Aerosol	31
Dust Remover	1031493	32504	400 ml	Aerosol	18
Easy Weld	1030528	30287	400 ml	Aerosol	42
Ejector Pin Lubricant FG	1030973	31549	400 ml	Aerosol	60
Evapo-Rust	1040357	33399	1 l	Bulk	49
Evapo-Rust	1032768	33400	5 l	Bulk	49
Evapo-Rust	1040700	33401	20 l	Bulk	49
Evapo-Rust	1040701	33407	200 l	Bulk	49
Evapo-Rust	1040702	33408	900 l	Bulk	49
Fast Clean 200	1031158	31890	400 ml	Aerosol	22
Fast Clean 201	1031278	32114	25 l	Drum	22
Flaw Detector Cleaner 1	1030529	30288	400 ml	Aerosol	43
Flaw Detector Penetrant 2	1030530	30289	400 ml	Aerosol	43
Flaw Detector Developer 3	1030532	30290	400 ml	Aerosol	43
FLT Chainlube	1031049	31614	500 ml	Aerosol	33
Food Grease FG	1030513	30259	400 ml	Aerosol	34
Formula 1	1030944	31532	400 ml	Aerosol	54
Formula 1	1031089	31678	25 l	Drum	54
Formula 1	1031088	31675	200 l	Drum	54
Formula 1 HT	1756225	31533	400 ml	Aerosol	54
Formula 2	1030947	31534	500 ml	Aerosol	54
Formula 4	1030972	31548	400 ml	Aerosol	56
Formula 5	1030956	31540	400 ml	Aerosol	56
Formula 6	1030948	31535	400 ml	Aerosol	54
Formula 6	1031090	31680	25 l	Drum	54

CONTENTS BY NAME

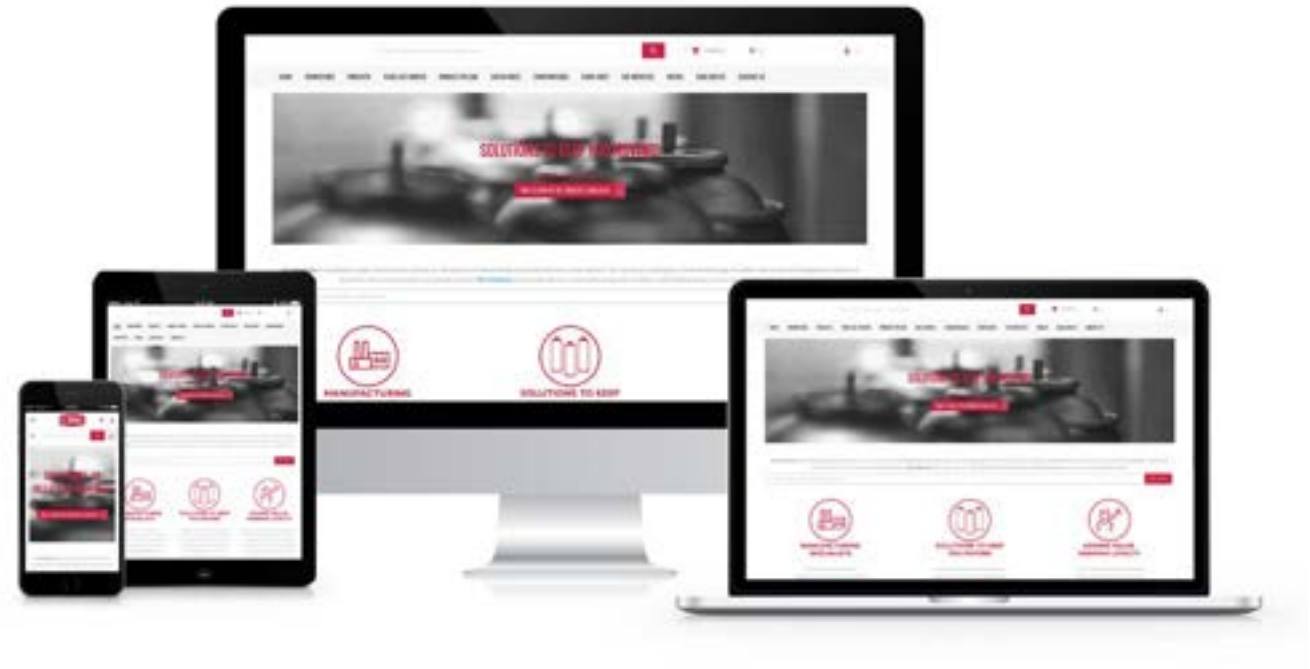
PRODUCT NAME	NR.	REF.	FILL	TYPE	PAGE
Formula 7	1030954	31539	400 ml	Aerosol	56
Formula 7	1031091	31681	25 l	Drum	56
Formula 8	1030951	31536	400 ml	Aerosol	54
Formula 10	1030959	31541	400 ml	Aerosol	56
Formula 10	1030960	31541	400 ml	Aerosol	56
Formula 11	1030963	31542	400 ml	Aerosol	57
Formula 12	1030964	31544	400 ml	Aerosol	57
Formula 14	1030482	30226	400 ml	Aerosol	57
Formula 20	1030483	30227	400 ml	Aerosol	55
Freezer	1032513	33182	400 ml	Aerosol	19
Galva Colour Black	1030394	20679	500 ml	Aerosol	49
Galva Colour Blue	1030392	20676	500 ml	Aerosol	49
Galva Colour Red	1030389	20674	500 ml	Aerosol	49
Galva Colour Silver	1030396	20680	500 ml	Aerosol	49
Galva Colour White	1030399	20681	500 ml	Aerosol	49
Galva Colour Yellow	1030387	20673	500 ml	Aerosol	49
Galva Shine	1030537	30293	400 ml	Aerosol	46
Galvanising Zinc Rich	1030542	30300	400 ml	Aerosol	46
Gasket Stripper GS5	1031159	31891	400 ml	Aerosol	23
Gear & Wire Rope Lube	1031026	31583	400 ml	Aerosol	32
Gear Oil Super 220 FG	1030522	30274	5 l	Bulk	37
Glass Cleaner	1031043	31596	400 ml	Aerosol	16
Graphite Release Spray	1031490	32499	400 ml	Aerosol	34
Green Mould Protective	1030967	31546	400 ml	Aerosol	60
Hand Cleaner Plus	1032500	33174	3.8 l	Bulk	17
Hand Cleaning Wipes	1031138	31798	150	Tub	17
Hard Surface Cleaner	1031131	31761	5 l	Bulk	15
HD-Sil Release	1031422	32353	500 ml	Aerosol	55
Hi-Load Lube FG	1031177	31966	400 g	Cartridge	35
Hydraulic Oil Super 32 FG	1030516	30265	5 l	Bulk	37
Hydraulic Oil Super 46 FG	1030517	30267	5 l	Bulk	37
HydroPower	1755346	33431	400 ml	Aerosol	15
Industrial Degreaser FG	1030502	30251	500 ml	Aerosol	21
Industrial Degreaser FG	1030503	30252	5 l	Bulk	21
Inox 200	1030541	30299	400 ml	Aerosol	47
Invertible Air Duster	1032514	33183	200 ml	Aerosol	18
IPA Solvent	1031108	31713	250 ml	Bottle	24
IPA Solvent	1031003	31569	400 ml	Aerosol	24
IPA Solvent	1031110	31714	1 l	Bulk	24
IPA Solvent	1031112	31716	5 l	Bulk	24
IPA Solvent	1031111	31715	25 l	Bulk	24
Label & Adhesive Remover FG	1030504	30254	200 ml	Aerosol	23
Label Remover	1031067	31629	200 ml	Aerosol	23
Leak Detector	1031075	31633	400 ml	Aerosol	42
Lec-Klene	1030990	31557	400 ml	Aerosol	21
Lec-Klene	1040509	31702	5 l	Bulk	21
Lec-Klene	1040510	31703	25 l	Bulk	21
Lubricating Oil 'LO' 100 FG	1031274	32105	20 l	Bulk	36
Machine Oil FG	1030497	30247	400 ml	Aerosol	29
Machine Oil FG	1030505	30255	5 l	Bulk	29
Marker Pen Black	1030304	20364	3 mm	Pen	48
Marker Pen Blue	1030310	20368	3 mm	Pen	48
Marker Pen Green	1030315	20379	3 mm	Pen	48
Marker Pen Orange	1030319	20383	3 mm	Pen	48
Marker Pen Red	1030323	20387	3 mm	Pen	48
Marker Pen White	1030328	20394	3 mm	Pen	48
Marker Pen Yellow	1030334	20399	3 mm	Pen	48
Moisture Remover FG	1032673	33325	400 ml	Aerosol	28
Mould Cleaner	1030974	31550	400 ml	Aerosol	61
Mould Cleaner	1031092	31686	5 l	Bulk	61
Mould Protective	1030965	31545	400 ml	Aerosol	60
Mould Protective	1031095	31691	200 l	Drum	60
Mould Solv	1031179	31970	500 ml	Aerosol	62
MPR 100	1031120	31734	25 l	Bulk	58
Multi-Lube	1031052	31615	500 ml	Aerosol	29

CONTENTS BY NAME

PRODUCT NAME	NR.	REF.	FILL	TYPE	PAGE
Multi-Surface Polish	1031063	31627	400 ml	Aerosol	16
NF Precision Cleaner	1757368	33284	250 ml	Aerosol	24
No-Sil Release	1031182	31971	500 ml	Aerosol	58
Non-Silicone Release FG	1011904	32446	400 ml	Aerosol	57
Non-Silicone Release FG	1031452	32446	400 ml	Aerosol	57
Paint and Graffiti Remover	1031069	31630	400 ml	Aerosol	22
Penetrating Oil	1030488	30240	400 ml	Aerosol	29
Penetrating Oil FG	1030507	30256	400 ml	Aerosol	30
Polyester Mould Cleaner	1031094	31690	5 l	Bulk	62
Polymer Remover	1030976	31551	400 ml	Aerosol	61
PUR 101	1031124	31747	25 l	Drum	59
PUR 300	1031125	31749	25 l	Drum	59
PUR 300	1031126	31750	200 l	Drum	59
PUR 400	1030952	31537	500 ml	Aerosol	55
PUR 400	1031127	31751	25 l	Drum	55
PUR 400	1030548	30317	200 l	Drum	55
PX 24	1030997	31565	400 ml	Aerosol	28
PX 24	1031185	31974	500 ml	Bulk	28
PX 24	1031101	31705	5 l	Bulk	28
PX 24	1031102	31706	25 l	Drum	28
PX 24	1031103	31707	200 l	Drum	28
Red Oxide Primer	1031429	32379	400 ml	Aerosol	45
Release 100	1031123	31746	5 l	Bulk	58
ROM 300	1031121	31739	5 l	Bulk	59
Rust Flash	1031018	31578	500 ml	Aerosol	30
Silicone Anti-Stick	1031007	31572	400 ml	Aerosol	30
Silicone FG	1030499	30248	400 ml	Aerosol	31
Silicone Lubricant	1031071	31631	500 ml	Aerosol	30
Silicone Release FG	1011905	32454	400 ml	Aerosol	55
Silicone Release FG	1031458	32454	400 ml	Aerosol	55
Solvent Cleaner FG	1031454	32448	400 ml	Aerosol	62
Solvent Degreaser	1030991	31558	500 ml	Aerosol	21
Spatter Release	1031055	31620	400 g	Aerosol	42
Stainless Steel Cleaner FG	1030500	30249	500 ml	Aerosol	16
Sugar Remover & Inhibitor FG	1032646	33296	750 ml	Bottle	15
SV100	1031160	31892	400 ml	Aerosol	48
Tool Guard Clear	1031734	32708	500 ml	Aerosol	61
Tool Guard Green	1031183	31972	500 ml	Aerosol	61
Tough Wipes	1030772	30767	100	Wipe	17
Tufcut Aqua	1030547	30313	5 l	Bulk	41
Tufcut Compound	1031023	31581	500 g	Can	41
Tufcut Foam	1031024	31582	300 ml	Aerosol	41
Tufcut Liquid	1031022	31580	350 ml	Bottle	41
Tufcut Liquid	1031115	31723	5 l	Bulk	41
Tufcut Spray	1031019	31579	400 ml	Aerosol	41
Ultrasonic Cleaning Fluid	1031277	32112	1 l	Bulk	19
Universal Screen Cleaner FG	1030485	30236	400 ml	Aerosol	16
White Spray Grease	1031053	31617	500 ml	Aerosol	36
Wire Rope Lube	1031114	31722	18 kg	Tub	33
Wire Rope Lube	1031113	31720	5 kg	Tub	33
Zinc Primer	1040482	30298	400 ml	Aerosol	48

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Bridgwater
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