

Oil, Gas & Marine Industry

- Degreasing & Cleaning
- Maintenance & Lubrication
- Tank Cleaning



THE LOTOXANE® RANGE

Lotoxane® provides a safer alternative to the hazardous solvents used for general degreasing throughout industry. Highly refined and non-aromatic Lotoxane® is used to remove grease, oil, carbon deposits, protective coatings, hydraulic oils and cutting oils from all bare or painted metals, plastics and composites. Odourless and non corrosive in use, Lotoxane® evaporates to leave minimal residue and has therefore been approved to clean effectively without detriment to subsequent coatings. Lotoxane®s very low volatility ensures minimal product loss through evaporation and enables end-users to achieve real cost-in-use savings whilst complying with the latest VOC emission controls.

It is used exclusively by many leading oil and gas producers, engineering and general manufacturing organisations as well as military authorities throughout the world.

- Lotoxane® is a highly refined, colourless, low odour and high flash point solvent blend.
- Non corrosive, safe on all metals, plastics, painted surfaces, rubber, electrics and electronic components and assemblies.
- Zero ozone-depleting potential.
- Non hazardous for transportation.
- Reduces solvent consumption and makes the workplace safer.
- Controlled evaporation allows for more effective penetration of grease and oil and reduces consumption.
- May be heated to 40°C for 5 x faster evaporation.

	1,1,1 Trichloroethane	Trichloroethylene	Alcohols	Aqueous	Lotoxane®
Conforms to "Protocol"	X	✓	✓	✓	✓
User friendly	X	X	X	✓	✓
Efficient degreaser	✓	✓	✓	✓	✓
Leaves no residue	✓	✓	✓	X	✓
Cost effective	✓	✓	X	✓	✓
Fast evaporation	✓	✓	✓	X	X

LOTOXANE® A415 / C043



Lotoxane® is a highly refined non-aromatic solvent blend designed for use as a general purpose degreaser, particularly on electric and electronic components. Can be used on a wide range of sensitive metals, plastics and painted surfaces. Can also be used to degrease prior to painting. Suitable for application by spray, dip tank, degreasing centre or for ultrasonic cleaning. Flash Point 62°C.

Approvals: Airbus Industrie, British Aerospace Airbus, Boeing Aircraft Co: D6- 17487 Revision W, GEC - Marconi Aerospace Farnham UK, Honeywell Aircraft Landing System, Rolls Royce, Electronic Systems Group (Trident), South African Airways (Hydro-aire Inc)(Lucas Aerospace)(Messier Services), Jetstream Aircraft Ltd, Astec Helicopter Services, Bapco, RJB Mining RJB118G.

Pack sizes: A415: 9 x 500ml aerosol. C043: 12 x 500ml trigger, 4 x 5 litre, 20 litre, 210 litre

LOTOXANE® FAST C044



Faster evaporating Lotoxane® variant, three times faster than standard Lotoxane®. Flash point 40°C.

Approvals: GE Aircraft Engines, Pratt & Whitney SPMC 216-1, International Aero Engines, Rolls Royce Plc.

Pack sizes: 12 x 500ml trigger, 5 litre, 20 litre, 210 litre

LOTOXANE® FAST WIPES C044



Convenient and versatile degreasing wipes impregnated with Lotoxane® Fast, Flashpoint 40°C, for wipe-cleaning prior to painting, bonding and removing protective coatings, suitable for use as Stage 1 - cleaner in NDT (Non Destructive Testing) processes, wipe format reduces risk of spillage and reduces solvent vapour in use.

Approvals: Pratt & Whitney SPMC 216-2 (SPOP 208 Solvent Wiping), MoD NATO Stock No: 7930-99-598-5789 (tub), Institute of Naval Medicine - Listed in BR1326, Coal Industry Assessment No: 7554, RJB Mining RJB121G, Cerberus (Mining Acceptance Services) Ltd, Underground - Dames & Moore.

Pack sizes: 10 x 85 wipes





LOTOXANE® XF A416 / C053



A rapid evaporating Lotoxane® variant, six times faster than standard Lotoxane®. Flash point 27°C.

Approvals: FRA Serco.

Pack sizes: A416: 9 x 500ml aerosol. C053: 4 x 5 litre, 20 litre, 210 litre



DELTA C100



Fast breaking emulsifiable solvent degreaser for oil tanks, interceptors and pit cleaning, emulsifies grease, oil and fuel residues in ships bilges and oil tanks. Suitable for use in Norway for onshore cleaning and in workshop parts washers, residues may be rinsed off with water. Ideal degreaser for use in production and maintenance degreasing, powerful remover of heavy oils, heavy grease, tar and bitumen, low odour.

Pack sizes: 4 x 5 litre, 20 litre, 210 litre



CITROL C834



Microemulsion cleaner and degreaser, for components, surfaces, plant and equipment. Rapidly removes oils and greases from floors in production areas and warehouses. Water dilutable formulation reduces solvent use.

Pack sizes: 4 x 5 litre, 20 litre, 210 litre



AQUAKLENZ LF C014



Water based low foam non caustic degreaser for spraywash applications. Removes residues of machine coolant, oil and grease from machined components, castings and pressings. Suitable for manufacturers and fabricators.

Approvals: Caterpillar Oman, Baker Hughes Inc., N.S.B Norwegian Railways.

Pack sizes: 20 litre



HDD C180



A strong emulsifiable solvent degreaser to remove oil and grease from a wide variety of surfaces and components within the oil producing, refining and storage industry. Contains no acids or alkalis and can be diluted for economy. Accepted for use on North Sea offshore installations for cleaning hydrocyclones.

Approvals: Coal Industry Assessment No: 2928.

Pack sizes: 4 x 5 litre, 20 litre, 210 litre



EMULSOL LW C145



Unique low odour oil dispersant and emulsifier, designed to soften and emulsify heavy oil residues. Not classified as flammable and contains no aromatic hydrocarbons. Powerful remover of heavy oils, heavy grease, tar and bitumen. Residues can be removed with water.

Approvals: Coal Industry Assessment No: 4677, Statens Foresningstilsyn - Oslo - Norway, University of Bergen - Norway, The Petroleum Inspectorate - Lagos - Nigeria, Port Authority of Lagos - Nigeria.

Pack sizes: 4 x 5 litre, 20 litre, 210 litre





SODAKLENZ C961



Super concentrated high alkaline low foam cleaner and degreaser. Rapidly removes oils and grease. Heavy duty cleaner, performance boosted with surfactants and sodium hydroxide.

Approvals: Coal Industry Assessment No: 4560.

Pack sizes: 20 litre, 210 litre



UNIVERSAL POWERWASH C375



A powerful, heavy duty, high alkaline cleaner designed to remove a wide range of soils including oils, grease and grime from vehicle chassis, vehicle bodies, heavy machinery and equipment.

Pack sizes: 4 x 5 litre, 20 litre, 210 litre, 1000 litre IBC



FASTKLEAN A134 / C239



Powerful exceptionally fast evaporating solvent degreaser. Removes even the heaviest oil and grease residues from metals, machinery and electrical components. Dries rapidly to a residue free finish. Flash point <math><0^{\circ}\text{C}</math>.

Pack sizes: A134: 9 x 500ml aerosol. C239: 4 x 5 litre, 20 litre



SUPERSOLVE AS A145



Extremely fast evaporating solvent cleaner designed to flush dirt, grease and silicone oils from electric circuitry and aircraft components. Supersolve AS is residue free and fast drying, making it ideal for use on delicate electronics. Formulated to provide a non ozone depleting spray complying uniquely with the requirements of MIL PRF 29608 Class C.

Approvals: NAVAIR Materials Lab - USA MIL-PRF-29608AS), MIL PRF 85570 Class D, Emirates Airlines, NSF - 142814, Underground UKC295G, Coal Industry Assessment No: 8032.

Pack sizes: 9 x 600ml aerosol



QED A048



A fast evaporating low odour solvent degreaser with a 360° spray action. Removes oil, grease and particles from metals machinery and electrical components, drying rapidly to a residue free finish. The fast evaporation and low residue makes QED an exceptional brake and clutch cleaner and the refined formulation will not damage sensitive equipment or components.

Pack sizes: 12 x 400ml aerosol



SYSTEM DESCALER / DE RUST THIN C902



Specifically formulated for the rapid removal of scale, oxidation and rust from both ferrous and most types of nonferrous metals and alloys. Formulated as a concentrated blend of low foaming surfactants, corrosion inhibitors and phosphoric acid.

Approvals: Rail Cat No: 007/000870(20lt), Underground Approval No: A3736, Coal Industry Assessment No:3736.

Pack sizes: 4 x 5 litre, 20 litre



BRITOX PLUS C027



High strength descaler, concrete and rust remover, highly concentrated acidic product for rapidly removing the toughest deposits. Excellent trade brick acid and routine cleaning of concrete mixers, also removes algae, scum and general soiling from swimming pools. Suitable for use in the building trade, plant hire, tool hire and further maintenance environments.

Approvals: Coal Industry Assessment No: 7745.

Pack sizes: 4 x 5 litre, 20 litre



RUST REMOVER 28 C501



A blend of mild organic acids and corrosion inhibitors designed to gently remove rust, corrosion and scale deposits from sensitive components and pipe-work. Concentrated formula containing citric acid. Contains no mineral acids. Removes rust and oxide deposits from ferrous and non-ferrous metals.

Pack sizes: 20 litre, 210 litre, 1000 litre IBC



SHIELD A056 / C284



Industrial strength, high quality 3 in 1 corrosion preventative, moisture displacer and light lubricant. Shield contains mineral oils and oxidised waxes. Shield enables the protection of ferrous and non ferrous metals in humid, wet or corrosive environments.

Approvals: CHC Helikopter Service - General Electric CT58-140 MM SEI-182, Rolls-Royce, Def 68-10/2 Annex C Test No. 8 Method A, Rail Approved Cat: 007/024760, Scientifics Approved, Coal Industry Assessment No: 2472 (bulk), UK Coal Approval No:1091 (aerosol).

Pack sizes: A056: 9 x 600ml aerosol. C284: 12 x 500ml trigger, 4 x 5 litre, 20 litre



SEIZE EEZE A050



High temperature copper anti-seize lubricant. Protects against corrosion and pitting and prevents seizing of studs, nuts, bolts, linkages and mechanisms, reducing high temperature wear and aiding future release. Recommended for cylinder heads, exhaust systems and other components where anti seize performance is required. Film remains effective up to 800°C.

Approvals: Coal Industry Assessment No: 1281.

Pack sizes: 9 x 600ml aerosol



SUPER SLAKS A060



Heavy duty penetrating fluid containing colloidal graphite. Penetrates and releases rusted nuts, bolts, parts and equipment simply and quickly. The addition of colloidal graphite in Super Slaks gives long term residual lubrication preventing reseizing and torn threads.

Approvals: Scientifics Approved, UK Coal Hazard No: 6350 (aerosol), UK Coal Hazard No:8201 (bulk), Rail Cat No: 0007/030039, Underground Approval NKC437G.

Pack sizes: 9 x 600ml aerosol





WIRE ROPE & GEAR LUBRICANT A067

600ml

Very heavy duty aerosol wire rope, chain and machinery lubricant and protector. Lubricates wire ropes, chains, linkages and mechanisms even under extreme load. Penetrates deep into the core of ropes, chains and mechanisms preventing the ingress of corrosive water and salts.

Approvals: Bridon International Ltd - TS 01/10/85.

Pack sizes: 9 x 600ml aerosol



WIRELUBE HD C402

20kg

Very heavy duty wire rope, chain and gear lubricant and protector. Works deep into the core of ropes, chains and mechanisms preventing the ingress of corrosive water and salts. Contains molybdenum disulphide, colloidal graphite, oxidised waxes and mineral oils.

Approvals: Bridon International Ltd - TS 01/10/85.

Pack sizes: 20kg



BRIGHT GALVA A071

600ml

Highly concentrated bright finish zinc and aluminium galvanising compound provides long term sacrificial corrosion protection to metal surfaces. High solids concentration for greater protection and coverage, sprayed surfaces can be painted once dry. Can be used as a spot repairer for galvanised surfaces, following, cutting and welding.

Pack sizes: 9 x 600ml



ZINC GALVA A086

400ml

600ml

Highly concentrated zinc galvanising compound, provides long term sacrificial corrosion protection to metal surfaces. Leaves a smooth tough grey coating on metals, repairs damage to galvanised surfaces following welding and cutting.

Approvals: Coal Industry Assessment No: 6642.

Pack sizes: 12 x 400ml, 9 x 600ml



WATER BASED ANTI SPATTER C830

20L

A solvent free weld anti spatter which prevents weld spatter sticking to the work piece enhancing appearance and finish of the weld. With a water soluble formula for added economy and ease of wash off, containing corrosion inhibitors it prevents weld spatter from sticking even during prolonged or heavy weld application.

Pack sizes: 12 x 500ml trigger, 20 litre, 210 litre



GOLDEN FLUID C150

A premium quality heavy duty beaded hand cleanser, formulated as a flowing gel for mess free filling of dispensers. The invigorating natural citrus oils provide exceptional freshness coupled with rapid removal of oil, grease and paint. Rinses freely and contains specially selected skin conditioners to leave the hands clean, fresh and supple.

Pack sizes: 2.5 litre, 4 x 5 litre



PROCARE OS C203

Universal oil and solvent resistant prior, during and after work cream. Provides an effective barrier to work based contaminants including oil, grease, paints and solvents. Barrier protection allows hands to be easily cleansed after work. Suitable for use in a wide range of industrial environments. Provides heavy duty protection. Contains skin conditioners to moisturise and replenish the skin.

Approvals: MoD NATO Stock No:8520-99-721-4086 (1lt), Coal Industry Assessment No: 3081.

Pack sizes: 6 x 800ml, 12 x 1 litre

PRODUCT SELECTION CHART

	Soil Removal										Temp.		Compatible Materials						Application			Post Cleaning		Disposal											
	Light Grease	Heavy Grease	Light Oils	Heavy Oils	Gear Lubricant	Tapping Paste	Carbon Deposits	Resins & Glues	Electronic & PCB Flux Residues	Electric Motor Debris	Cold use only	Up to 40 °C	Up to 90 °C	Mild Steel - No Rinse	Mild Steel - Water Rinse	Stainless Steel - No Rinse	Stainless Steel - Water Rinse	Aluminium	Cadmium Plate	Aircraft Alloys	Painted Surfaces	Plastics	Manual or Wipe	Spray	Diptank	Ultrasonic	Residue Free	Forced Air Drying	Water Rinse & Air Dry	Incinerate	Recovery By Distillation	Specialist Waste	Fast Breaking Aqueous Emulsion	Effluent Plant (small quantities)	
LOTOXANE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LOTOXANE FAST	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LOTOXANE FAST WIPES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LOTOXANE XF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FASTKLEAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SUPERSOLVE AS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HDD	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EMULSOL LW	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DELTA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ECAD	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CITROL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
AQUAKLENZ LF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



ECAD

Environmental Cleaner and Degreaser

Developed by Arrow to meet the stringent environmental requirements of HOCNF and OCNS for use offshore on board ships and drilling platforms in the North Sea, **ECAD** is an exceptionally versatile cleaning and degreasing solution.



ECAD C076



An environmental cleaner and degreaser. ECAD is water dilutable and provides users with an exceptionally versatile cleaning and degreasing solution, which is both effective and economical. Aside from its offshore applications ECAD also has wide ranging applications as a degreaser and cleaner in oil storage and handling equipment.

Approvals: CEFAS - 24064, HOCNF.

Pack sizes: 20 litre, 210 litre, 1000 litre IBC

www.arrowchem.com

Made in the UK



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