

# Aerospace Industry

- MRO
- Exterior Cleaning
- Interior Cleaning
- Degreasers and Lubricants



## MRO

Arrow manufactures a well established range of products for use within the aerospace industry, which meet the high standards needed to achieve industry approvals. With specially developed products for engine overhaul Arrow offers a lower hazard solution, enabling both safer working conditions for your engineers and compliance with ever tighter environmental regulations.

## 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 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. Its 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.

	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 or 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.

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.

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



## 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



## 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 <0°C.

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



## SUPERSOLVE AS A145



Extremely fast evaporating electrical/electronic cleaner and degreaser 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 29608A, Class C.

**Approvals:** NAVAIR Materials Lab - USA MIL-PRF-29608 AS), MIL PRF 85570 Class D, Emirates Airlines, NSF K2 - 142814.

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.

Pack sizes: 9 x 600ml aerosol



## 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.

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



## EXTERIOR CLEANING



### AIRCRAFT CLEANER 281 C034



AMS approved aircraft exterior cleaner & degreaser. Phosphate free, suitable for cleaning air frames and all aircraft components. Excellent soil removal at economical dilutions. May be applied by manual spray or brush, via high-pressure washers or in purpose-designed, standard or ultrasonic immersion baths.

**Approvals:** (Scientific Material International Inc) AMS 1526A Cleaner for Aircraft Exterior Surfaces, (Scientific Material International Inc) Boeing-D6-17487 REV H, Boeing D6-17487 Rev, SMF: Douglas CSD#1, Airbus (AMS 1526A), Astec Helicopter Services.

Pack sizes: 20 litre, 210 litre

## INTERIOR CLEANING



### DEEP CLEAN C087



AMS approved, water based, non-caustic alkaline cleaner for the safe removal of common types of soiling, including nicotine, oil and grease stains, from the interior surfaces of aircraft and other passenger carrying transport. It is safe to use on all materials used in aircraft construction, such as aluminium, cadmium, steel, rubbers and painted surfaces.

**Approvals:** (Scientific Material International Inc) AMS 1550A Cleaner for Interior Material of Aircraft, Weber Aircraft Inc.

Pack sizes: 20 litre



### CARPET SHAMPOO 631 C036



AMS approved carpet shampoo, specially developed for use in all hot or cold water jet and extraction carpet and upholstery cleaning machines. It is a concentrated low foaming shampoo designed for cleaning carpets and upholstery aboard all kinds of aircraft.

**Approvals:** (Scientific Material International Inc) AMS 1631A Carpet Cleaner Water Extraction Type, Boeing D6-17487 Revision H, Douglas CSD #1, Coal Industry Assessment No: 6855.

Pack sizes: 4 x 5 litre

## TREATMENTS



### CHEWING GUM REMOVER C181



Removes trodden in chewing gum from carpets and other soft furnishings. Supplied in a handy 100ml bottle. Gel consistency allows it to stay put and penetrate gum deposits. Residue can then be lifted gently from surface. Works quickly and gives complete gum removal.

Pack sizes: 12 x 100ml



### AIRCRAFT DISINSECTANT A900



Formulated to conform to W.H.O. and A.M.S. specifications for the disinsection of aircraft, to kill flying vectors of human disease. For use in all interior spaces including passenger cabins and exterior harbourages e.g. cargo holds.

**Approvals:** (Scientific Material International Inc) AMS 1450A Disinsectant (Insecticide) Aircraft.

Pack sizes: 144 x 30ml

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Made in the UK



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OHS 536783



ISO 14001:2004  
Cert No. 1263