



# Product List



Your multi-service chemical specialist

Product	Description	Appearance	Strengths	CAS number
Acetic Acid	An astringent and antimicrobial agent known for its strong, vinegar-like scent.	Colourless.	40%, 60%, 80%, Glacial	64-19-7
Aluminium Chlorohydrate	Inorganic synthetically produced polymer.	Liquid.		12042-91-0
Caustic Soda	Mainly used as a strong chemical base in a variety of applications.	A clear solution with no distinguishing odour.	16%, 20%, 25%, 27%, 30%, 32%, 47% and 50%	1310-73-2
De-Ionised Water	De-Ionised Water is one of the purest forms of water with no electrical charge.	Clear, colourless and no distinguishing odour.		7732-18-5
Ethylenediamine-tetraacetic Acid	EDTA also known as Tetrasodium salt is predominantly used to dissolve limescale. Its usefulness arises because of its role as a hexadentate ligand and chelating agent.	A yellow colourless liquid and a colourless solid powder.		6381-92-6
Hydrochloric Acid	Highly corrosive, strong mineral acid adapted for use in the chemical industry.	Colourless to pale yellow liquid.	9%, 10%, 14%, 15%, 18%, 20%, 25%, 28%, 32% and 36%	7647-01-0
Hydrogen Peroxide	It does not produce residue or gasses and is completely water soluble.	Odourless and colourless.	3%, 6%, 7.5%, 17.5%, 19%, 27.5%, 35%, 49.5% and 50%	7722-84-1
Magnesium Sulphate	Magnesium Sulphate solution holds the formula MgSO <sub>4</sub> and is often preferred when preparing solutions.	White to faint pink solid, soluble in alcohol and water.		7487-01-0
Manganese Carbonate	A variety of industrial uses including in agrochemicals and farm and livestock.	White to faint pink solid, soluble in alcohol and water.		39409-82-0
Manganese Nitrate	Moderate to highly concentrated liquid solutions.	Colourless to pale red liquid.		13446-18-9
Phosphoric Acid	Can be corrosive although non-toxic when diluted.	Colourless and no specific odour.	5%, 15%, 25%, 35%, 40%, 65%, 67%, 75%, 80%, 81.5% and 85%	7664-38-2
Polyaluminium Chloride	Mainly used in deodorants and antiperspirants and as a flocculant in water purification.	Pale yellowish solution with a faint odour.	10% and 18%	1327-41-9
Polymers (Airpol)	Joins small particles of waste together so water can be cleaned and waste can be recycled. Covers anionic, cationic and cationic cross-link polymers across oil and water based formulas.	Multiple appearances, please see website for more information.	A range ccm 23%-88%	7440-40-7
Potassium Chloride	Produced mainly for the production of fertiliser.	A colourless crystalline solid with no distinguishing colour.		
Potassium Hydroxide	A strong alkaline compound available as pellets and flakes. Caustic, corrosive, inorganic compound.	Clear, colourless liquid.	10%, 25%, 32%, 45% and 50%	1310-58-3
Sodium Bicarbonate	Amongst food additives encoded by the EU with E number E 500. Also known as baking soda in its solid form.	White solid and colourless liquid.		144-55-8
Sodium Bisulphite	Generally used as a food additive with E number E222	Clear yellow solution and sulphurous odour.	23%	7631-90-5
Sodium Chlorite	Distributors to the entire UK, Ireland and EU. Compliance with Biocidal Product Regulations (BPR).	Clear, colourless solution with a weak, chlorine like odour.	2%, 6%, 7.5%, 10%, 15%, 25% and 31%	7758-19-2
Sodium Gluconate	The sodium salt of Gluconic Acid produced by the fermentation of Glucose. Stable under extreme conditions of temperature (<90°C) and alkalinity.	Non hazardous white/ yellow powder with no distinguishing odour.	30%	527-07-1

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<b>Sodium Metabisulphite</b>	Primarily used as a disinfectant, antioxidant and preservative agent.	As a solid white colour with pungent sulphur dioxide odour. As a solution yellowish colour with pungent odour.		7681-57-4
<b>Sodium Nitrite</b>	A highly soluble in-organic sodium salt.	Yellow liquid.	25%, 30% and 40%	7632-00-0
<b>Sulphuric Acid</b>	A colourless liquid commonly used in fertiliser manufacture, oil refining, chemical synthesis and as an electrolyte in lead-acid batteries.	Colourless, corrosive, strong smell.	10%, 20%, 25%, 35%, 40%, 50%, 70%, and 77%	7664-93-9
<b>Peracetic Acid</b>	Biocidal meaning it can destroy and control harmful bacteria, viruses, spores and fungi.	Colourless liquid with pungent smelling odour.	2%, 2% Foamy, 5% and 15%	79-21-0
<b>Akasil Antifoam 3107</b>	Exclusive distributor for BRB International. Highly effective and solvent based. Specifically designed for defoaming applications in refinery operations.	Colourless liquid.	30%	
<b>Akasil Antifoam FD (FDA Approved)</b>	Food grade, silicone based antifoam emulsion. Exclusive distributor for BRB International.	Liquid.	10%, 20% and 30%	
<b>Akasil Antifoam SRE</b>	Exclusive distributor for BRB International. Alkali and acid resistant, silicone based antifoam emulsion. Developed specifically for technical applications. Disperses completely in hot and cold aqueous systems with mild agitation.			
<b>Akasil Antifoam TG (Technical Grade)</b>	Exclusive distributor for BRB International. Technical grade, silicone based antifoam emulsion.	White liquid.	10%, 20% and 30%	
<b>Airoscour TFR</b>	Developed based on a blend of surfactants and additives.	Variety of colours.		64-02-8
<b>Tetra Potassium Pyrophosphate (TKPP)</b>	Soluble in water but insoluble in alcohol and as a clear solution with an odour. Technical grade chemical with excellent chelating capabilities.	White powder.		7320-34-5
<b>Airquest ATMP</b>	Solution of Amino Trismethylene Phosphoric acid.	Clear liquid.		6419-19-8
<b>Airquest C</b>	An NTA replacement that helps reduce the effects of calcium and magnesium ions in hard water.	Colourless to pale yellow liquid.		3794-83-0
<b>Airquest HEDP 60</b>	Solution of 1-hydroxyethylidene-1 and 1-diphosphonic acid.	Colourless to pale yellow liquid.	60%	2809-21-4
<b>Airquest PBTC</b>	A phosphonobutane tricarboxylic acid and an excellent scale and corrosion inhibitor. Stable at high temperatures with high alkalinity. Good oxidation tolerance.	Pale yellow liquid.	50%	37971-36-1

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<b>Airoidide PAAD</b>	DEFRA approved 5% Peracetic Acid with detergent. Biocidal disinfectant.	Colourless solution with a sharp and pungent, vinegar like odour.	5%	772-84-1
<b>Airopbos 20NA</b>	Used alone or with other products, fully miscible with water.	Colourless solution.		7664-38-2
<b>Airopbos 32NA</b>	This solution is also used as a sequestrant.	Colourless and odourless.		
<b>Airopbos 4KP</b>	A salt composed of pyrophosphate ions. Also a buffering agent, emulsifier, dispersing agent and a thickening agent. Twice as toxic as table salt when ingested orally.	Colourless, transparent and crystalline chemical compound.		7320-34-5
<b>Airopbos BSB</b>	High substantivity and good migration properties. Peroxide bleach application on cellulose and hydrosulfite reduction bleach to nylon and wool.	Dark brown liquid.		
<b>Airopbos C40</b>	Used as a sequestrant within a wide variety of industries.	Clear colourless liquid.		10124-56-8
<b>Airopbos K18</b>	Polyphosphate based solution, used in applications where properties of dispersion, sequestration and buffering are required. Used alone at high concentration and with other products, it is miscible with water.	Milky solution that clears on heating or diluting.		
<b>Airopbos K21</b>	Used alone at high concentrations and with other products as it is fully miscible with water. Less soluble alternative to potassium based sister product Airopbos K21P.	Clear and colourless.		7320-34-5
<b>Airopbos K21P</b>	Used alone at high concentrations and with other products as fully miscible with water.	Clear and colourless.		7320-34-5
<b>Airopbos KTP</b>	A solution of potassium tripolyphosphate mainly used as a sequestrant.	Clear, colourless liquid.		
<b>Diammonium Phosphate (DAP)</b>	Available as both Food Grade and Technical Grade across crystal and solution forms.	Clear, colourless liquid.	20%, 30%, 40%	7783-28-0
<b>Dipotassium Phosphate (DKP)</b>	Water soluble salt categorised as a safe food additive. Used to increase shelf life or enhance the texture of products within the food & beverage industry.	Clear, colourless liquid.	50%	7758-11-4
<b>Monopotassium-phosphate (MKP)</b>	It is a source of phosphorus and potassium, also a buffering agent.	A clear/colourless liquid and white powder with no distinguishing odour.		7778-77-0
<b>Mono Sodium Phosphate (MSP)</b>	Available in technical and food grade.	Clear, colourless as a liquid and a solid white powder. Both with no distinguishing odour.	32%	7558-80-7
<b>Potassium Tripolyphosphate (KTPP)</b>	Combined with water it creates an alkaline solution.	White/colourless crystalline powder with no distinguishing odour.		13845-36-8
<b>Sodium Hexametaphosphate (SHMP)</b>	Widely known as SHMP. Also available in food grade.	Clear, colourless solution.	18%, 40% and 45%	10124-56-8
<b>Sodium Tripolyphosphate (STPP)</b>	Organic compound. Low toxicity.	White powder with no distinguishing odour.		7758-29-4

Product	Description	Appearance	Strengths	CAS number
<b>Tetra Potassium Pyrophosphate (TKPP)</b>	Soluble in water but insoluble in alcohol and as a clear solution with an odour. Technical grade chemical with excellent chelating capabilities.	White powder.		7320-34-5
<b>Tri Potassium Phosphate (TKP)</b>	Commonly found in food as an additive. Also features as a foaming and wiping agent as well as an emulsifier.	Solid, white powder with no distinguishing odour. Clear/colourless liquid solution with no distinguishing odour.		7778-53-2

## Life Science & Surfactants



Product	Description	Appearance	Strengths	CAS number
<b>Airsurf 23/6</b>	Used as a bio-degradable emulsifier, foaming product and cleaner in a wide variety of household and I&I products.	Cloudy and colourless viscous liquid.	90%, 95% and 100%	160901-19-9
<b>Airsurf 24/7 90%</b>	Diluted with water as the 100% material is very viscous.	Colourless liquid.	90%	68439-50-9
<b>Airsurf APG 0810</b>	Low toxicity and safe for sensitive skin. Compatible with other surfactants (APG).	Light yellow liquid.		68515-73-1
<b>Airsurf APG 0814 64%</b>	Non-ionic biodegradable surfactant, consisting of fatty acid residues. Low toxicity and safe for sensitive skin. Good foaming and wetting properties and low surface tension.	Light yellow liquid.	64%	110615-47-9
<b>Airsurf CDE</b>	Non-ionic surfactant manufactured from coconut oil. A surface agent which helps stabilise foam. Acts as a viscosity builder, dispersing agent, emulsifier and superfatting agent.	Clear yellow, amber viscous liquid.		
<b>Airsurf SA/N</b>	Dodecylbenzene sulphonic acid. Can be neutralised as an effective surfactant in acidic cleaning products.	Brown soluble liquid.		85536-14-7
<b>Airsurf SDBS 30N</b>	It is a 30% active sodium neutralised Airsurf SA/N.	Liquid.		68411-30-3
<b>Airsurf WL-56C</b>	A detergent and washing up liquid concentrate. Easy to handle liquid detergent. Coconut Diethanolamide free.	Yellow liquid.		68411-30-3
<b>Sodium Lauryl Ether Sulphate</b>	Leading UK supplier and distributor of natural and synthetic SLES. SLES is an anionic surfactant.	Clear to yellow and thick.	28% and 70% (naturally derived) 26% and 70% (synthetically derived).	68411-30-3

	Product	Taste	Description	25kg	25l	200l	1000l	bulk
ACIDULANTS	Ascorbic Acid	Sour	Antioxidant that improves colour and palatability of many kinds of food. • Common in the manufacture of beverages, restoring nutritional value and contributing to the appearance and palatability. • Prevents browning of fruits during fruit juice production process.	✓				
	Citric Acid	Sour	Flavourer and preservative used to preserve the texture of foods. • Widely used in beverages to provide flavour, buffering properties and increase the effectiveness of preservatives. • Common in jams, jellies and preservatives providing the required acidic pH to help set the gel.		✓	✓	✓	✓
	Lactic Acid	Sour	Primarily used as a food preservative as well as a curing and flavouring agent. • It is an ingredient in processed foods and a decontaminant during meat processing. • Primarily found in sour milk products, it is also responsible for the sour flavour of sourdough breads. • In beer brewing, some styles of beer purposely contain lactic acid. This is mostly produced naturally by various strains of bacteria.		✓	✓	✓	✓
	Malic Acid	Sour	Due to its soft sour taste and long persistence, is widely used in various foods and beverages including wines, carbonated drinks, jams, sweets and chewing gum. Holding a special fragrance, it can effectively reproduce a fruit flavour across differing types of food and beverages.		✓	✓	✓	✓
	Sodium Lactate	Mild	Safe preservative with a high water holding capacity and buffering properties ideal for use in both food and personal care applications. • Primary use is to enhance flavour and extend shelf life in meat products. • Preservative and pH regulator in food production. • Additional characteristics include antioxidant, humectant, flavour enhancing and emulsification. • Regulates acidity and enhances flavour in beverage production.				✓	
	Tartaric Acid	Sour	Commonly known as cream of tartar it develops naturally in the wine making process • Acidulant and natural preservative commonly used in the production of jams and carbonated drinks. • Present as an emulsifier and preservative for carbonated drinks • Leavening agent for deserts.	✓				
	Tri-Sodium Citrate	Sour	Primarily used as a food additive but also holds uses as a flavouring agent in commercially ready to drink beverages and drinks mixes thanks to its tart flavour attributes. • Increases shelf life of foods whilst adding flavour. • Commonly used in cheese production as an emulsifier for the oils.	✓	✓	✓	✓	✓
	Phosphoric Acid	Tangy	Acidifies foods and beverages, providing a tangy/sour taste that compliments fizzy drinks and sweets. • Provides a sharp flavour to food whilst also serving as a preservative. • The salts of phosphoric acid are used in many dairy products to modify proteins and alter the pH to produce a higher quality meat.		✓	✓	✓	✓
NUTRITION	Agave	Sweet	30-40% times sweeter than sugar and often used in recipes as a substitute for sugar or honey. • Vegan alternative to honey. • Dissolves quickly and can be used as a sweetener for cold beverages. • Used in some breakfast cereals as a binding agent.		✓	✓	✓	
	Fructose	Very Sweet	Widely used as a nutritive sweetener. • Benefits include a low glycemic index, high natural sweetness potency (2 times sweeter than glucose) and flavour enhancement.	✓				
	Glucose	Sweet	Simple sugar used in sports and nutrition beverages due to its high energy qualities. • In the food and beverage market it is primarily used as a sweetener. • Most carbohydrate containing foods contain glucose.				✓	

	Product	Taste	Description	25kg	25l	200l	1000l	bulk
PRESERVATIVES	Potassium Sorbate	N/A	Preservative in several foods due to its anti-microbial properties. • Potassium Sorbate prevents growth of harmful yeast and moulds. • Commonly used in cheese, baked goods, syrups and jams. • Also used to preserve dehydrated foods like beef jerky and dried fruit as it has no aftertaste.		✓	✓	✓	✓
	Sodium Benzoate	Sweet	Commonly used as a preservative it enters the individual cells in the food and balances its pH level increasing the overall acidity of the food. • Commonly used in the soft drink industry due to the demand of high-fructose corn syrup in carbonated drinks, increasing acidity and flavour intensity. • Applied to the process of margarine production as a preservative. • Food additive with E number of E211.	✓				
	Sodium Bisulphite	N/A	Food additive with common uses that include leavening in cake mixes, meat and poultry processing and browning prevention of fresh produce. • It is a minor ingredient that preserves aroma and flavour in bottled lemon juice, dried apples, dehydrated potatoes and nearly all commercial wines. • Inhibits bacterial and fungal growth and prevents discolouration and deterioration caused by common chemical reactions.		✓	✓	✓	✓
	Sodium Metabisulphite	N/A	Preservative used extensively in commercial wine and beer production. • Ideal for preserving dried foods such as raisins and crisps as well as concentrated fruit juices. • Commonly used in home brewing and winemaking for sanitising equipment.	✓	✓	✓		✓
SWEETENERS	Acesulfame K	Sweet	Calorie free sugar substitute that is 200 times sweeter than sucrose, as sweet as aspartame, 2/3 as sweet as saccharin and 1/3 as sweet as sucralose. • Widely used as a sweetener in food production. • As a sweetener it has specific uses in confectionery, snacks and dairy products • In carbonated beverages it is also used to enhance sweetness.	✓				
	Aspartame	Bitter	Artificial, non-saccharide sweetener produced by soaking a mixture of aspartame and acesulphame potassium in an acidic solution and allowing it to crystallise. • Only a very small amount is required in products such as low calorie drinks and sugar free foods as it is 200 times sweeter than sucrose. • Holding multiple applications across the food, beverage and pharmaceutical industries.	✓				
	Sodium Saccharin	Bitter	Artificial sweetener with effectively no food energy and 300-400 times as sweet as table sugar. • Widely used as a sweetener in food production specifically baked goods and confectionery to improve sweetness.	✓				
	Stevia	Very Sweet	200 times sweeter than regular sucrose. • Included in the production of various dairy based foods as well as breakfast cereals, cereal bars, confectionery and bakery goods. • Used in high volumes as a tabletop sweetener.	✓				
	Sucralose	Sweet	Non-nutritive sweetener used as a sugar substitute. • 320-1,000 times sweeter than sucrose making it more cost effective in the production of lower value high volume foods. • Low glycemic index so diabetic consumers can enjoy sweet products without the use of insulin to regulate blood glucose levels.	✓				
	Taurine	Neutral	An amino acid supporting neurological development it helps regulate levels of water and minerals in the blood holding antioxidant properties. • It is commonly found in fish and meat it is used as an ingredient in various energy drinks as enhances sports performance when combined with caffeine.	✓				

Product		Description	25kg	25l	200l	1000l	bulk
SPECIALIST ALUMINIUM TREATMENT RANGE	UltraLyte 170 XL	UltraLyte 170 XL chemical brightener has been developed for use in both manual and automatic plants where a very high standard of finish is required. Holding exceptional resistance to the transfer etching which has traditionally been a problem on automatic anodising lines using an on-line brightener. Provides exceptional brightness and specular reflectivity on a wide range of aluminium alloys. Supplied ready to use, UltraLyte 170XL contains Nitric Acid and must be used in a suitably equipped, purpose built brightening tank with integral fume extraction and fume scrubber in accordance with NOX regulations.		✓	✓	✓	✓
	UltraLyte 41	UltraLyte 41 is a Nitric Acid free process which gives a semi-bright finish on a wide range of aluminium alloys. The finish obtained is ideally suited to applications such as processing of stair treads and shower sections.		✓	✓	✓	✓
	UltraEtch EA 2000	UltraEtch EA 2000 produces a fine etch finish on aluminium substrates. It is generally used as a long life etch and can be used as a pre-treatment prior to anodising, chromate conversion coatings, vitreous enamelling or painting. UltraEtch EA 2000 incorporates a sequestering systems which prevents the conversion of sodium aluminate to insoluble aluminium oxide, thus eliminating 'rock hydrate' deposits associated with aluminium etching. 25% V/V EA 2000 concentrate in water.		✓	✓	✓	✓
	UltraEtch EA 2001	UltraEtch EA 2001 is a liquid additive which is added to caustic etch baths to eliminate the precipitation of aluminium hydroxide. This product also prevents scale formation on the tank and heating coils, improves matte finishes giving a more uniform etch, eliminates the need for frequent dumping of the etch tank and significantly reduces caustic soda consumption. When added in the correct ratio to Caustic soda, UltraEtch EA 2001 will provide the same excellent finish as the ready to use UltraEtch EA 2000.		✓	✓	✓	✓
	UltraClean SC-AL	UltraClean SC-AL has been developed as a high efficiency, environmentally friendly, long life non etch soak cleaner for aluminium and its alloys. Removes a wide range of mineral oils and polishing compounds from aluminium and its alloys without attack on the substrate. Is ideally suited for use prior to anodising, chemical brightening or electroplating of aluminium.	✓				
	UltraMist ZM	UltraMist ZM fume suppressant has been developed for use in anodising solutions to reduce evolution of irritating sulphuric acid fumes to the atmosphere during anodising of aluminium. It also reduces surface tension of the anodising solution and forms a slight foam blanket. UltraMist ZM considerably reduces the attack on plant steel structures from airborne sulphuric acid fumes.		✓	✓	✓	✓
	UltraLyte 170 FS	UltraLyte 170 FS (Fume Suppressant) has been developed to suppress the evolution of Nitrogen Peroxide fumes generated during the UltraLyte 170 XL brightening process. Brown fumes are significantly reduced through the addition of UltraLyte 170 FS making the process more operator and environment friendly. It will not remove Nitric Acid fumes or NOX and the UltraLyte 170 XL brightening process must still be extracted through an efficient fume scrubber.		✓	✓	✓	✓
	UltraSeal HS 100	Anodising Seal Additive ideal for sealing the metal substrate following anodisation. It is a hot seal product that operates between 85 and 100oC. UltraSeal HS 100 gives up to 90% sealing within the first 5 minutes of immersion. It also does not contain any heavy metals or other ingredients considered harmful to the environment.		✓	✓	✓	✓
	UltraDox AL	UltraDox AL de-smut is a non-chromated de-smut/de-oxidiser for aluminium and its alloys. It rapidly removes smut from aluminium surfaces that have been treated in acidic brightening solutions or caustic based etches. The smuts can be of various types usually caused by impurities in inferior specification aluminium such as magnesium, silicon, or copper. It is eco-friendly in comparison to 30% v/v Nitric Acid, lasting 4 times longer with no dangerous fumigation issues.		✓	✓	✓	✓



Product			Description	25kg	25l	200l	1000l	bulk
PRE-TREATMENT CLEANERS	UltraClean EC60		UltraClean EC60 has been developed as a high efficacy soak/electrocleaner for rack and barrel plating and as a pre-galvanising cleaner where high degrees of oil and grease are encountered. The product has exceptional degreasing properties and long life compared to conventional cleaners, typically lasting twice as long as most competitors' products reducing plant down time and operating costs. The powerful surfactant system used in the UltraClean EC60 helps keep barrel cylinders clean and grease free, reducing problems caused by carry over into other processes.	✓				
	UltraClean SC10		UltraClean SC 10 is a non etch, heavy duty powder cleaner. When made up with water it provides excellent degreasing of aluminium substrates. The product has exceptionally long life and is ideally suited to the removal of polishing compounds. Dependent upon the nature of the soiling to be removed the temperature and concentration will vary. The higher temperature and concentration is recommended for baked on contaminants.	✓				
ELECTROPLATING	ZINC	UltraZinc AZBS	UltraZinc AZBS produces ultra-bright zinc deposits with exceptional ductility and levelling from both Potassium chloride and ammonium chloride acid zinc plating solutions. UltraZinc AZBS operates within a temperature range of 20 - 40 °C. Works as a single shot maintenance brightener with excellent bath stability.		✓	✓	✓	✓
		UltraZinc AZC	UltraZinc AZC is a carrier additive for the UltraZinc AZBS system. Dosed to maintain the ductility of the zinc plating deposits in the brightener solution. Used as an additive to maintain solution balance.		✓	✓	✓	✓
	NICKEL	UltraMax NSA 10	UltraMax NSA 10 carrier maintains the ductility of the nickel plating deposits and acts as the primary brightener. An overdose of this component is not detrimental to the process.		✓	✓	✓	✓
		UltraMax 20	UltraMax 20 bright nickel-plating process produces fully bright, levelled nickel deposits in very short plating times. Excellent chromium reception is a major feature of this process.		✓	✓	✓	✓
		UltraMax 30	UltraMax 30 leveller maintains the high-speed levelling properties of the nickel-plating solution. If levelling needs to be improved UltraMax 30 can be added in increments of 0.5 ml/litre of plating solution. An overdose of UltraMax 30 may cause low current density dullness. This can easily be rectified by plating out at low current density.		✓	✓	✓	✓
		UltraMax WA	UltraMax WA wetter prevents pitting, aids metal distribution and maintains solution surface tension within correct parameters.		✓	✓	✓	✓
PASSIVATES	UltraPass Black		The UltraPass Black process produces black conversion coatings on electroplated zinc and zinc-based die-castings. It provides excellent corrosion resistance in excess of 100 hours salt spray to white corrosion when correctly applied. UltraPass Black can be used successfully on components which have been blue passivated using UltraPass Tri-Blue. This is very useful where the UltraPass Black solution is used offline and where large volumes of components are being processed.		✓	✓	✓	✓
	UltraPass Tri-blue		UltraPass Tri-Blue trivalent passivation process is ideal for producing a bright finish on zinc electroplated parts. The conversion coating produced imparts a clear blue colour to work and is ideal for use in both vat and barrel zinc plating.		✓	✓	✓	✓
PICKLING	UltraCon Pickle Aid		Formulated specifically for use in acid pickle solutions as a degreaser allowing steel components to be degreased and pickled in one operation. It reduces surface tension of acid pickles and allows operating temperatures up to 40°C without the liberation of excessive acid fumes making the pickling process much quicker and operator friendly. Suitable for use in Hydrochloric Acid, Sulfuric Acid and Phosphoric Acid pickles.		✓	✓	✓	✓
BLACKING SALTS	Ultra Black		UltraBlack Blackening Salts are designed to produce a black oxide coating on iron and steel surfaces which, when impregnated with oil, produces a uniform black finish. The depth of colour is dependent upon the substrate and tank process sequence. The corrosion resistance is dependent on the type of oil finish used.	✓				



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