



Proudly Australian Made

# PRODUCT LIST

## INDUSTRIAL



**Albright & Wilson**  
Experience Matters

PRODUCT	DESCRIPTION	Typical Active	FORM	COMMENTS/APPLICATION
<b>GARDIQUAT ® (Quaternary and Amphoterics)</b>				
Gardiquat BB/AU	coco dimethyl betaine	30	Liquid	Wetting and foaming agent in acid cleaners
Gardiquat OB/AU	coco dimethyl amine oxide	30	Liquid	viscosity modifier and foam stabiliser in high alkaline hypochlorite bleach formulations
Gardiquat 1450	alkyl benzyl dimethyl ammonium chloride	50	Liquid	Antibacterial and anti-algae agent suitable for e.g. swimming pools
<b>GARDILENE ® (Nonionic range)</b>				
Gardilene FD	Trisodium Phosphate hydrated	80	Liquid	viscosity modifier, emulsifier and foam stabiliser in transportation wash formulations
<b>AVISCOUR ®</b>				
Aviscour PO	Potassium Oleate	20	Liquid	Used with polymers as a flocculating agent in mining applications
<b>GARDILENE ® (Detergent grade ethoxysulphates)</b>				
Gardilene LSM30/AU	sodium alkyl ethoxysulphate board manufacture	30	Liquid	wetting and foaming agent suitable for plasterboard manufacture
<b>GARDILENE ® (Alkyl benzene sulphonic acid and salts)</b>				
Gardilene SSA/S	alkyl benzene sulphonic acid	96	Liquid	Base surfactant for transportation wash and other industrial cleaning
Gardilene HS80/AU	sodium alkyl benzene sulphonate	80	Powder	primary active ingredient in foaming blocks and powdered cleaners
Gardilene IPA/94	isopropylamine alkylbenzene sulphonate	94	Liquid	coupling agent and emulsifying agent for industrial applications
<b>GARDILENE ® (Hydrotropes)</b>				
Gardilene SX40AU	sodium xylene sulphonate	40	Liquid	hydrotrope
Gardilene SC40AU	Sodium cumene sulphonate	40	Liquid	hydrotrope
<b>GARDISPERSE ® (Naphthalene Sulphonate Formaldehyde Condensates and low foaming emulsifiers)</b>				
Gardisperse 810L	sodium naphthalene sulphonate formaldehyde condensate	41	Liquid	superplasticiser for Concrete. Dispersant
Gardisperse 820L	calcium naphthalene sulphonate formaldehyde condensate	41	Liquid	superplasticiser for Concrete. Dispersant
Gardisperse 810P	sodium naphthalene sulphonate formaldehyde condensate	94	Powder	powder version of Gardisperse 810L
Gardisperse 820P	calcium naphthalene sulphonate formaldehyde condensate	94	Powder	powder version of Gardisperse 820L
Gardisperse EPC	sodium alkyl phenoxy polyoxy ethylene	30	Liquid	low foaming emulsifier, emulsion polymerisation dispersing agent
Gardisperse SCA50	sulphate Proprietary blend	25	Liquid	Shotcrete accelerator

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<b>ALBRITE ® Acids</b>			
Phosphoric Acid	Technical Grade	Liquid	metal finishing, acid cleaning, catalyst manufacture, liquid fertiliser, water treatment
<b>ALBRITE ® Sodium Salts</b>			
Albrite STPP T150	Sodium Tripolyphosphate Detergent Builder	Powder	anhydrous low phase 1 for blended detergent powders, where storage properties are important. Suitable for use in water treatment formulations, and as a farm dam sealer.
Albrite MSP	Monosodium Phosphate	Powder	buffer, pH adjuster, acid cleaner, animal feed supplement
Albrite DSP Anhydrous	Disodium Phosphate	Powder	buffer, pH adjuster
Albrite TSP Anhydrous	Trisodium Phosphate	Powder	buffer, pH adjuster
Albrite TSP Dodecahydrate	Trisodium Phosphate hydrated	Powder	buffer, pH adjuster, mild alkaline salt
<b>ALBRITE ® Potassium Phosphate Salts</b>			
Albrite TKPP	Tetrapotassium Pyrophosphate	Powder/ Granular	low sodium dispersant for latex, metal treatment
Albrite DKP	Dipotassium Phosphate	Powder	source of alkalinity in cleaning
Albrite KTPP	Potassium Tripolyphosphate	Powder	low sodium dispersant for latex, metal treatment
Albrite KMP	Potassium Metaphosphate	Powder	
<b>CALGON ®</b>			
Calgon T	Sodium Hexametaphosphate	Granular	water treatment, sequestrant, clay dispersant
Calgon T Powder	Sodium Hexametaphosphate	Powder	where more intimate mixtures of materials are required

PRODUCT	DESCRIPTION	TYPICAL SOLIDS (%w/w)		FORM	COMMENTS/APPLICATION
<b>GARDIQUEST ® PHOSPHONATES</b>					
Gardiquest 200	Hydrolysed PolyMaleic Anhydride 50% solution pH<2.0 or Homopolymer	50		Liquid	Antiscalant used to inhibit calcium carbonate deposition in industrial water systems and other related applications
Gardiquest 283	Maleic Anhydride/Acrylic acid copolymer pH<2.0	47		Liquid	Antiscalant used to inhibit calcium carbonate deposition in industrial water systems and other related applications
Gardiquest 400	Acrylic acid;telomer with sodium 2-methyl-2-acrylamido-2-methyl-1-propane-1-sulphonate and sodium phosphinite pH 2.5	40		Liquid	Excellent calcium phosphate inhibition and dispersability Effectively dispersant of iron oxide fouling Good Calcium Carbonate inhibitor
Gardiquest 500	Phosphono carboxylic acid copolymer pH 2.2	40		Liquid	Zinc Synergist Corrosion Inhibitor Mild Steel corrosion control
Gardiquest 543	Diethylene triamine penta(methylenephosphonic acid)- di Sodium salt pH2 - 3	47		Liquid	Scale and corrosion inhibition in cooling water and oilfield treatment Deflocculation of clays and pigments Sequestering of heavy metals to stabilise bleaching agents and protect fibres in textile manufacture and laundering Scale inhibition and peroxide stabilisation in pulp bleaching Improves whiteness in the de-inking of recycled paper
Gardiquest 634	Amino tri(methylene phosphonic acid)tetra sodium salt pH10	40		Liquid	
Gardiquest 640	Amino tri(methylene phosphonic acid) in acid form	50		Liquid	Used in industrial water systems Good general calcium carbonate scale inhibition Good calcium sulfate inhibition Good iron oxide dispersant Good zinc and phosphate stabilization when coupled with polymer dispersant Good mild steel corrosion protection
Gardiquest 660	1-hydroxyethylene diamine-1,1-diphosphonic acid – in acid form	60		Liquid	Calcium sequestering agent and calcium carbonate scale inhibitor in industrial water treatment, detergents, industrial cleaning, oil production and textile bleaching.
Gardiquest PBTC-50	2-phosphonobutane-1,2,4-tricarboxylic acid pH 1.5 – 2.0	50		Liquid	has low phosphate content Structural similarity to both phosphoric acid and carboxylic acid resulting in excellent scale and corrosion inhibition properties Antiscaling properties at high temperature superior to that of organophosphines Improves zinc salt solubility Good tolerance to chlorine oxidation
Gardiquest ATMP Pentasodium	Amino tri (methylene phosphonic acid) pentasodium salt pH 10	40		Liquid	Calcium carbonate inhibitor in water treatment systems Used in circulating cooling systems in power plants, oil refinery plants and oilfield refill water systems .



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## CONTACT INFORMATION

### National Customer Service Centre

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Albright & Wilson (Australia) Ltd is a local manufacturer as well as being in partnership with key global chemical suppliers. Please contact your local sales office for more information on our extensive product range.