



## PRODUCT LIST

### *Industrial*

Phosphates and surfactants play important and diverse industrial roles in such areas as metal finishing, mining and mineral processing, pharmaceuticals, crop care, water treatment, emulsion polymerisation and construction.

In general water supply, polyphosphates are commonly used for threshold treatment of scale, whilst sodium hexametaphosphate is preferred for boiler water treatment. Surfactants also play an important role in water treatment products where they are used for wetting, froth floatation and dispersion. They are also used as a bactericide in pool chemicals.

In the area of building and construction, the addition of a super-plasticiser (high range water reducer) enhances the quality and strength of cement and plaster by reducing the viscosity and improving the flowability of the slurries. Less water in these applications equates to higher strengths.

As a leading local producer, manufacturers industrial products can depend on us to provide the performance qualities that characterize their branded products.

**GARDIQUAT® (Amphoterics and Quaternary)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDIQUAT BBAU</b>	Coco betaine	Liquid	Amphoteric secondary surfactant to reduce potential for skin irritation, boost foaming and viscosity builder when used with Alkyl Sulfates and Alkyl Ether Sulfates. Stable across a wide pH range.
<b>GARDIQUAT OBAU</b>	Cocamine Oxide	Liquid	High foaming amine oxide with good detergency and viscosity building characteristics. Stable when formulated in bleach-based cleaning products. Stable across a wide pH range.
<b>GARDIQUAT 1450</b>	Benzalkonium Chloride	Liquid	Quaternary ammonium compound used as a bactericide base for antiseptics and disinfectants

**GARDILENE® (Nonionics)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDILENE FD</b>	Cocamide DEA	Liquid	Non-ionic foam booster, solubiliser and refatting agent. Viscosity builder in combination with anionic surfactants.
<b>GARDILENE APGGD70</b>	Decyl Glucoside	Liquid	Good wetting agent and is useful in hard surface cleaning applications. Can also be used as a solubiliser and hydrotrope.
<b>ALBRIGHT Lauryl Glucoside 50%</b>	Lauryl Glucoside	Liquid	Excellent detergent & wetting agent, with low foam compared to alcohol sulfates.

**GARDILENE® (Detergent Grade Fatty Alcohol Ether Sulfates)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDILENE SQ70</b>	Sodium Laureth-2 Sulfate	Paste	High foaming and cleansing agent used in detergent applications. High salt-viscosity build and detergency.
<b>GARDILENE LSM30</b>	Sodium Deceth Sulfate	Liquid	Foaming agent for plasterboard and other industrial applications.

**GARDILENE® (Alkyl benzene sulfonic acid and salts)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDILENE SSA/S</b>	Alkylbenzene sulfonic acid	Liquid	Biodegradable Alkylbenzene Sulfonic acid for use in detergent applications. Provides excellent detergency with moderate foaming.
<b>GARDILENE HS80</b>	Sodium Alkylbenzene Sulfonate	Powder	Granular powder form of Sodium LAS for formulating powder detergents and toilet rim blocks.
<b>GARDILENE HS73PF</b>	Sodium Alkylbenzene Sulfonate	Powder	Phosphate free, caking resistant powder form of Sodium LAS for formulating detergents and toilet rim blocks. Does not contain magnesium sulfate or added phosphates.
<b>GARDILENE IPA/94</b>	IPA Alkylbenzene Sulfonate	Liquid	Isopropanol amine neutralised LAS for industrial applications.
<b>GARDILENE HS25</b>	Sodium Alkylbenzene Sulfonate	25%	Neutralised liquid form of GARDILENE SSA/S in an easy-to-handle form. Miscible with water in all proportions.

**GARDILENE® (Hydrotropes)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDILENE SC40</b>	Sodium Cumene Sulfonate	Liquid	Liquid hydrotrope to aid solubilisation and reduce cloud point of anionic surfactant systems.
<b>GARDILENE SX40</b>	Sodium Xylene Sulfonate	Liquid	Liquid hydrotrope to aid solubilisation and reduce cloud point of anionic surfactant systems.

**GARDISPERSE® (Superplasticisers, Water Reducing Agents and Dispersants)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>GARDISPERSE 810L</b>	Sodium Naphthalene Sulfonate Formaldehyde polymer	Liquid	Sodium NSF Superplasticiser in liquid form.
<b>GARDISPERSE 820L</b>	Calcium Naphthalene Sulfonate Formaldehyde polymer	Liquid	Calcium NSF Superplasticiser in liquid form.
<b>GARDISPERSE 810P</b>	Sodium Naphthalene Sulfonate Formaldehyde polymer	Powder	Sodium NSF Superplasticiser in powder form.
<b>GARDISPERSE 820P</b>	Calcium Naphthalene Sulfonate Formaldehyde polymer	Powder	Calcium NSF Superplasticiser in powder form.

**ALBRITE® (Phosphate buffers, builders, dispersants and pH adjusters)**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>ALBRITE PHOSPHORIC ACID</b>	Phosphoric Acid 81%, 85%, 95%	Liquid	ALBRITE® Phosphoric Acid is recommended for use in metal finishing, acid cleaning, catalyst manufacture, liquid fertiliser, water treatment
<b>ALBRITE STPP-T150</b>	Sodium Tripolyphosphate	Powder	Low phase 1 for blended powders, where storage properties are important. Suitable for use in water treatment formulations, and as a farm dam sealant.
<b>ALBRITE MSP</b>	Monosodium Phosphate	Powder	Buffer, dispersant in acid cleaner and animal feed supplement.
<b>ALBRITE DSP</b>	Disodium Phosphate	Powder	Buffer and pH adjuster.
<b>ALBRITE TSP</b>	Trisodium Phosphate	Powder	Buffer and pH adjuster for food.
<b>ALBRITE TSP Hydrous</b>	Trisodium Phosphate Decahydrate	Powder	Buffer and pH adjuster.
<b>CALGON T Granular</b>	Sodium Hexametaphosphate	Granular Powder	Water treatment, sequestrant, clay dispersant.
<b>CALGON T Powder</b>	Sodium Hexametaphosphate	Powder	Water treatment, sequestrant, clay dispersant
<b>ALBRITE TKPP</b>	Tetrapotassium Pyrophosphate	Powder	Highly soluble builder for detergents.

**ALBRIGHT®**

PRODUCT NAME	DESCRIPTION	FORM	APPLICATION/COMMENTS
<b>ALBRIGHT Glycerol</b>	Glycerol	Liquid	Humectant and solvent
<b>ALBRIGHT Heavy Alkylate LAB</b>	Alkylbenzene	Liquid	High molecular weight alkylate
<b>ALBRIGHT LAURYL ALCOHOL FA26</b>	Lauryl Alcohol	Liquid	C12-16 Fatty Alcohol
<b>ALBRIGHT Linear Alkyl Benzene</b>	Alkylbenzene	Liquid	Low 2-phenyl isomer C11-13 alkyl benzene
<b>ALBRIGHT Yellow Dextrin</b>	Dextrin	Powder	Used in the mining industry as additives in froth flotation, in the foundry industry as green strength additives in sand casting, as printing thickener for batik resist dyeing, and as binders in gouache paint and in the leather industry.

**CONTACT INFORMATION**
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