## DETERGENT





### DETERGENT

#### **ABOUT REDOX**

Established in 1965 in Sydney, Redox is a leading chemical distributor active in the Australian, Malaysian, New Zealand and United States markets. Our business specialises in providing customers with the widest possible range of quality chemicals, ingredients and raw materials sourced from the world's best manufacturers.

Redox add value through its expert sourcing ability, efficient freight and warehousing network, stringent quality systems, close customer service, leveraged buying power and market knowledge.

We look for long term partnerships, where shared values and common goals align for mutual benefit. Our relationships are open, innovative and based on teamwork.

Let Redox become your supply chain partner and start to enjoy the benefits tens of thousands of customers enjoy around the globe.

#### **QUALITY**

Maintaining quality of output is absolutely vital to every one of Redox's customers. To achieve the required standards, they must be assured that the raw materials they purchase consistently maintain stipulated standards. Redox is an ISO9001 certified company and relevant sites have HACCP and/or FSSC 22000 Certification and commit to continual improvement. In addition to regular internal inspections and constant updates to comply with regulatory issues, SAI Global limited conducts bi-annual audits. We are committed to the Chemistry Australia Responsible Care program and the Code of Conduct to protect against the illicit use of chemicals and comply with all relevant environmental programs and occupational health and safety regulations. Redox are also Members of the Roundtable on Sustainable Palm Oil (RSPO), Sedex and subscribers to the EcoVadis Supplier Sustainability Ratings platform.

Our quality assurance program ensures all customers receive relevant and timely information on the storage and handling of chemicals, as well as information to protect the health and safety of employees and the environment.

The Redox labelling system for its packaged products is unique – defining product types and hazard codes, Redox batch numbers and barcodes. The system enables the incoming and outgoing deliveries to be quickly and easily matched to their analysis results. Therefore, at any time, Redox customers can request a certificate of analysis/ conformity, either by fax or accompanying their delivery. This certificate contains all of the information required to ensure full traceability and accurate matching with the analysis results of the incoming delivery.

#### **WE UNDERSTAND YOUR NEEDS**

Redox has been supplying the detergent industry for more than 50 years so we understand that getting competitive pricing for raw materials and making sure our clients' products are amongst the best performers in their markets doesn't mean sacrificing quality. Our clients are big and small, from well-known multinationals to brave start-ups, we treat them all the same and provide our best every day.

#### EXTENSIVE RANGE OF QUALITY PRODUCTS

Each formulation can have dozens of ingredients and our clients in the sector are involved with everything from automotive washes, laundry, dishwashing, hard surface cleaners, hospital, food manufacturing, dairy cleaners and much more. That's why Redox's range is without equal, and if we don't have it we can source it for you.

#### RELIABLE DELIVERY AND LOCAL REPRESENTATION

The Industrial, Institutional and Consumer detergent sector demands reliability of supply and personal service, that's why we have 11 regional sales offices across 4 countries with over 50 storage locations. It doesn't matter if you are in Melbourne or Kuala Lumpur, Los Angeles or Auckland you can be sure that friendly help is not far away.

#### **MEMBER OF THE FOLLOWING INDUSTRY ASSOCIATIONS:**



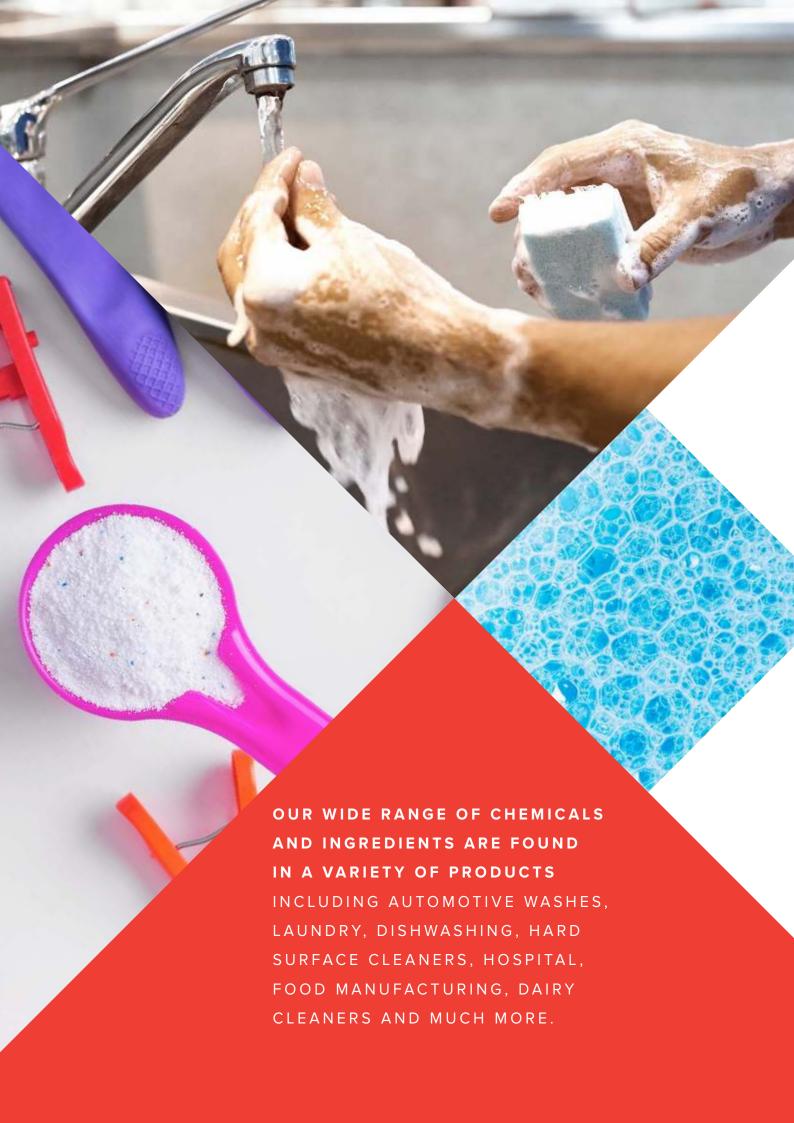
# DETERGENT PRODUCT LINES

CHEMICALS	CAS NO.	Citric Acid Monohydrate		
Acetic Acid	64-19-7	Coco Amido Betaine (ACB)		
Acetone	67-64-1	Coconut Diethanolamine (Cl		
Acrylic Copolymer	67-64-1	Copper Sulphate		
Acrylic Resins		Cresylic Acid (Mp Cresol 45)		
Activated Carbon	7440-44-0	Cyclohexanone		
Alcohol Ethoxylates	98516-30-4	Cyclohexylamine		
liphatic Hydrocarbons		DDBSA		
Alkyl Polyglucoside		Diacetone Alcohol (DAA)		
Alpha Olefin Sulphonate (AOS)		Diethanolamine (DEA)		
Aluminium Sulphate	10043-01-3	Diethyl Glycol Monobutyl Etl		
Ammonia Aqueous	1336-21-6	Diethyl Glycol Monoethyl Etl		
Ammonium Chloride	12125-02-9	Diethyl Glycol Monomethyl I		
Ammonium Lauryl Sulphate (AMS)	2235-54-3	Diethylene Glycol (DEG)		
Ammonium Sulphate	7783-20-2	Dipentene		
Benzotriazole	95-14-7	Dipropylene Glycol (DPG)		
Benzyl Alcohol	100-51-6	Dipropylene Glycol Methyl E		
Borax Decahydrate	1303-96-4	D-Limonene		
Borax Pentahydrate	12179-04-3	EDTA Acid		
Boric Acid		EDTA Disodium Salt  EDTA Tetrasodium Salt		
utanol	71-36-3			
Butyl Diglycol	112-34-5	Epsom Salts		
Butyl Gycol	111-76-2	Ethoxylated Alcohols		
Calcium Chloride	10043-52-4	Ethyl Glycol Monobutyl		
Calcium Gluconate	299-28-5	Ethylene Diamine		
Calcium Hypochlorite	7778-54-3	Ethylene Glycol Monohexyl		
Carnauba Wax	8015-86-9	Fatty Alcohol		
Castor Oil	68187-84-8	Fatty Alcohol		
Caustic Potash	1310-58-3	Fatty Alcohol		
Caustic Potash Liquid	1310-58-3	Fatty Alcohol		
Caustic Soda	1310-73-2	Fatty Alcohol		
Caustic Soda Liquid	1310-73-2	Fatty Alcohol		
Cetyl Stearyl Alcohol	6 7762-30-5	Fatty Alcohol 9/8		
Chlorinated Trisodium Phosphate	11084-85-8	Fatty Alcohol Pure		
Citric Acid Anhydrous	77-92-9	Fatty Alcohol Pure		

Citric Acid Monohydrate	5949-29-1
Coco Amido Betaine (ACB)	61789-40-0
Coconut Diethanolamine (CDE)	68603-42-9
Copper Sulphate	7758-99-8
Cresylic Acid (Mp Cresol 45)	108-95-2
Cyclohexanone	100-94-1
Cyclohexylamine	108-91-8
DDBSA	68584- 22-5
Diacetone Alcohol (DAA)	123-42-2
Diethanolamine (DEA)	111-42-2
Diethyl Glycol Monobutyl Ether	112-34-5
Diethyl Glycol Monoethyl Ether	111-90-0
Diethyl Glycol Monomethyl Ether	111-77-3
Diethylene Glycol (DEG)	111-46-6
Dipentene	68956-56-9
Dipropylene Glycol (DPG)	110-98-5
Dipropylene Glycol Methyl Ether (DPGME)	34590-94-8
D-Limonene	68647-72-3
EDTA Acid	60-00-4
EDTA Disodium Salt	6381-92-6
EDTA Tetrasodium Salt	64-02-8
Epsom Salts	10034-99-8
Ethoxylated Alcohols	68439-46-3
Ethyl Glycol Monobutyl	111-76-2
Ethylene Diamine	107-15-3
Ethylene Glycol Monohexyl	112-25-4
Fatty Alcohol	12/4 9002-92-0
Fatty Alcohol	12/4 9002-92-0
Fatty Alcohol	12/8 9002-92-0
Fatty Alcohol	9/2.5 68551-13-3
Fatty Alcohol	9/5 68551-13-3
Fatty Alcohol	9/6 68551-13-3
Fatty Alcohol 9/8	68439-45-2
Fatty Alcohol Pure	12/12 9002-92-0
Fatty Alcohol Pure	12/13 9002-92-0







Fath Markal Duna	12/0.0002.02.0
Fatty Alcohol Pure	12/6 9002-92-0
Fatty Alcohol Pure	
Fatty Alcohol Pure	
Ferric Chloride Solution	
Ferrous Sulphate	
Formaldehyde	
Formic Acid	
Gluteraldehyde	111-30-8
Glycerine	<u> 56-81-5</u>
Glycolic Acid	79-14-1
Gum Turpentine	8006-64-2
Hexylene Glycol	107-41-5
Hydrochloric Acid	7647-01-0
Hydrofluoric Acid	7664-39-3
Hydrogen Peroxide	77 22-84-1
Hydroxy Ethyl Cellulose	9004-62-0
lodine	7553-56-2
Isoparaffins (ISOPAR)	90622-57-4
<u>Isopropanolamine</u>	75-31-0
Isopropyl Alcohol	67-63-0
Kerosene	8008-20-6
L.A.B.S.A 96%	68584-22-5
Lactic Acid	50-21-5
Lauryl Alcohol	112-53-8
Magnesium Chloride	7791-18-6
Magnesium Sulphate Hepta (Epsom Salts)	10034-99-8
Meta Cresol	108-39-4
Methanol	67-56-1
Methoxypropyl Acetate	108-65-6
Methyl Diethanolamine (MDEA)	105-59-9
Methyl Ethyl Ketone (MEK)	78-93-3
Methyl Iso Butyl Ketone (MIBK)	108-10-1
Methyl Methoxy Butanol	
Methyl-2-Pyrrolidone	

Methylated Spirits Industrial 100%	64-17-5
Methylated Spirits Industrial 95%	64-17-5
Methylene Chloride	75-09-2
Mineral Turpentine	98-82-8
Mono Ammonium Phosphate	77 22-76-1
Mono Ethylene Glycol	107-21-1
Mono Sodium Phosphate	7558-80
Monoethanolamine (MEA)	141-43-5
Monopotassium Phosphate (MKP)	7778-77-0
Morpholine	110-91-8
Neatsfoot Oil	8002-64-0
Neodecanoic Acid	2 6896-20-8
Nitrate of Soda	7631-99-4
Nitric Acid	7697-37-2
Nitrilo Triacetic Acid (N.T.A. Trisodium Salt)	5064-31-3
Nonyl Phenol Pure	10 9016-45-9
Nonyl Phenol Pure	13 9016-45-9
Nonyl Phenol Pure	30 9016-45-9
Nonyl Phenol Pure	4 9016-45-9
Nonyl Phenol Tech	5 9016-45-9
Nonyl Phenol Tech	9 9016-45-9
Octyl Phenol Pure	10 9002-93-1
Octyl Phenol Pure	5 9002-93-1
Oil - Orange Cold Pressed	68647-72-3
Oleic Acid	112-80-1
Optical Brightener	27344-41-8
Oxalic Acid	6153-56-6
Paraffin Wax	8002-74-2
Paraformaldehyde	30525-89-4
Pe	62 9003-11-6
Peracetic Acid	77 22-84-1
Perchloroethylene	127-18-4
Petroleum Jelly	8009-03-8
Phosphonate A.T.M.P	6419-19-8
Phosphonate H.E.D.P.	2809-21-4
Phosphonate P.B.T.C	37971-36-1
Phosphoric Acid	7664-38-2
Phosphorous Acid	13598-36-2
Pine Oil 65%	8002-09-03
Pine Oil 85%	8002-09-03

Poly Aluminium Chloride	1327-41-9	Sodium Lauryl Sulphate (SLS) M	68955-19-1
Poly Ethylene Glycol 200/400/600/4000/6000 253 22-68-3		Sodium Metabisulphite (SMBS)	7 681-57-4
Polyox	253 22- 68-3	Sodium Metasilicate Anydrous	6834-92-0
Polysorbate	9005-70-3	Sodium Metasilicate Pentahydrate	102 13-79-3
Potassium Carbonate	584-08-7	Sodium Molybdate	7631-95-0
Potassium Citrate	6100-05-6	Sodium Nitrite	7632-00-0
Potassium lodine	7 681-11-0	Sodium Olefin Sulphonate Liquid	68439-57-6
Potassium Metabisulphite	16731-55-8	Sodium Olefin Sulphonate Powder/Needle (Ar	OS) 68439-57-6
Potassium Permanganate	77 22-64-7	Sodium Perborate Monohydrate	10486-00-7
Potassium Pyrophosphate	7320-34-5	Sodium Perborate Tetrahydrate	10486-00-7
Potassium Sorbate	24634-61-5	Sodium Percarbonate	15630-89-4
Propyl Alcohol Normal	71-23-8	Sodium Sulphate	7757-82-6
Propylene Glycol	61 57-55-6	Sodium Sulphite	13 13-82-2
Propylene Glycol	64 57-55-6	Sodium Thiosulphate	10102-17-7
Propylene Glycol	68 57-55-6	Sodium Tripoly Phosphate (STPP)	7758-29-4
Propylene Glycol Industrial	57-55-6	Sodium Xylene Sulphonate 40%	1300-72-7
Propylene Glycol Monomethyl Ether	107-98-2	Sorbitol	50-70-4
Propylene Glycol USP	57-55-6	Stearamidopropyl Dimethylamine	7651-02-7
Quaternary Ammonium Compounds	7732-18-5	Sulphamic Acid	5329-14-6
Salicylic Acid	69-72-7	Surfactant Lf	164 69 227-21-0
Salt	7647-14-5	Tetra Acetylethylenediamine (T.A.E.D)	10543-57-4
Silicone Emulsion	63148-62-9	Tetra Potassium Pyrophosphate (T.K.P.P.)	7320-34-5
Silicone Oil	556-67-2	Tetra Sodium Pyrophosphate (T.S.P.P)	77 22-88-5
Soda Ash Dense	497-19-8	Thiourea	62-56-6
Soda Ash Light	497-19-8	Tolytriazole	29385-43-1
Sodium Acetate	127-09-3	Trichloroisocyanuric Acid	87-90-1
Sodium Benzoate	532-32-1	Triethanolamine 85%, 99%	102-71-6
Sodium Bicarbonate	144-55-8	Triethanolamine Lauryl Phosphate	139-96-8
Sodium Bromate	7789-38-0	Trisodium Phosphate	7601-54-9
Sodium Bromide	7647-15-6	<u>Trisodium Phosphate – Chlorinated</u>	7601-54-9
Sodium Chloride	7647-14-5	<u>Urea</u>	57- 13-6
Sodium Chlorite	7758-19-2	White Oil	8042-47-5
Sodium Citrate	6 132-04-3	Xylene	1330-20-7
Sodium Dichloroisocyanurate (SDIC)	2893-78-9	Zeolite 68989	9-22-0, 1318-02-1
Sodium Disilicate	1344-09-8	Zinc Acetate	5970-45-6
Sodium Fluoride	7 681-49-4	Zinc Chloride	7646-85-7
Sodium Gluconate	527-07-1	Zinc Oxide	1314-13-2
Sodium Hexametaphosphate (SHMP)	10 124-56-8	<u>Titanium Dioxide TIDIOX</u> 13463-6	7-7, 100209-12-9
Sodium Hypochlorite	7 681-52-9	Zinc Oxide ZIOXID	1314-13-2





## PRODUCT LINES

Redox supplies more than 1,000 different chemicals and ingredients to clients throughout Australia, Malaysia, New Zealand and the United States.

Our range is sourced from quality raw material manufacturers throughout the world and supplied to clients in 140 unique industries. We know and understand the complexities of your market and act to ensure you receive the best products to allow your business to thrive.

Redox's range includes bulk commodity chemicals where our efficient logistics network and wide sourcing ability makes the difference to specialty ingredients where innovation and knowledge is key. Clients have the choice of solid, liquid and gaseous forms, as well as a broad range of secure packaging and tailored transportation options designed to maximize efficiency, product integrity and safety. From small sachets to bags, bulk bags, bulk powder to carboys, drums, IBC's/Totes to liquid bulk tankers, Redox offer the flexibility and convenience that your business demands.

#### **FOOD AND BEVERAGE**

Constant interaction with nutritionists and regulatory bodies ensures that this division stays at the forefront of the Industry. We provide an extensive range of:

- Sweeteners and stabilizers
- Minerals and phosphates
- Basic and functional ingredients
- · Acidulants and preservatives.

#### **PERSONAL CARE**

Whether you are formulating a shampoo or sunscreen Redox have a wide variety of innovative commodity and specialty ingredients for the Personal Care specialist.

#### **HUMAN HEALTH**

Redox constantly monitors changes in regulatory standards to effectively deliver competitively priced, high quality, innovative products to the Nutraceutical and Pharmaceutical sectors.

#### **ANIMAL HEALTH AND NUTRITION**

Our wide range of products play a vital role in the stockfeed, aquaculture, pet food and veterinary health markets. We provide;

- · Amino acids and proteins
- · Feed improvers, enzymes and preservatives
- · Vitamins, trace elements and minerals.

#### **CROP PROTECTION AND PRODUCTION**

Redox continues to add value to the supply chain with key relationships with the Crop Nutrition, Horticulture and Protection sectors.

- Our product range includes:
- Improvers for broad acre and drip delivery
- Growth mediums for Horticulture and Potting soils
- Herbicides, fungicides and other foliar applications.

#### **CHEMICAL MANUFACTURE**

Redox offers a superior world-wide sourcing network and expert logistics to deliver the low-cost raw materials to help chemical manufacturing grow and prosper.

#### **WATER AND POWER**

For the safest and cleanest water, we supply quality water treatment chemicals such as:

- Flocculants
- pH adjusters
- Filter media
- Scale inhibitors
- · Fluoridation additives
- Organophosphates and biocides
- Ion Exchange Resins.



WE KNOW AND UNDERSTAND
WHAT'S IMPORTANT TO YOU.
TALK TO ONE OF OUR INDUSTRYFOCUSED EXPERTS TODAY.



An integral supplier of raw materials used in the Surface Coating industry, including:

- Fillers
- Pigments
- Solvents
- Oxides
- Amines
- Acids
- · Glycols and resins.

#### **PLASTIC, RUBBER AND FOAM**

Our product range includes:

- Polymers PE, HDPE, LDPE, LLDPE, PET, Polystyrene
- Engineering plastics
- Isocyanates
- Polyols
- UV monomers and oligomers
- Flame retardants
- Solvents
- Silane coupling agents and a range of plasticisers.

#### **MINING**

Redox supplies a diverse and extensive range of products into all areas of the Mining industry. From flotation agents to cyanide destruction, Redox have reagents and products for your application.

#### **METALS**

Redox are active in the Steel, Galvanizing, Refractory and Electroplating Industries.

#### **BUILDING AND CONSTRUCTION**

Redox products are utilized in the manufacture and treatment of:

- Glass
- Bricks
- Concrete
- Insulation
- Timber
- Fiberglass and more.

#### **TANNING AND TEXTILES**

Our experienced, industry trained personnel make Redox a market leader in sourcing and distribution of commodity chemicals to the tanneries and textile plants of the region.

#### **LUBRICANTS AND AUTOMOTIVE**

Redox provides key products to service the lubricant and automotive industry with a leading position in the Diesel Exhaust Fluid market.



# REDOX EARNED A SILVER MEDAL

FOR ITS CSR PERFORMANCE





**MEMBERSHIPS DURING 2019:** 









## CORPORATE SOCIAL RESPONSIBILITY

At Redox, Corporate Social Responsibility (CSR) is about responsible business leadership. It influences how business is conducted, interactions with stakeholders, and the value contributed to society.

#### **MARKET PLACE**

Redox understands the importance of sourcing its products from ethical and socially responsible suppliers, ensuring labour rights, health and safety, the environment and business ethics, are not compromised. As such, Redox has memberships with relevant ethical organisations including Sedex, RSPO (Roundtable on Sustainable Palm Oil) and the NACD (National Association of Chemical Distributors). This ensures that we interact within ethical supply chains and enables Redox to demonstrate leadership as a responsible business within the market.

#### **ENVIRONMENT AND COMMUNITY**

Since 2017, Redox completed projects to fit an additional three sites with photovoltaic solar generation systems. Bringing total capacity to 500kW across five Australian sites, Redox will continue to install solar power generation systems as a practical environmental initiative that also lowers operating expenses.

The electricity generated will reduce CO2 emissions by 1,280,000kg per annum which is equivalent to:



OR



#### **WORKPLACE**

Redox is an equal opportunity employer which enjoys the benefit of a diverse team. Employment decisions at Redox are based on job requirements, individual qualifications and business needs without regard to race, colour, nationality, religion, gender, age, sexual-orientation or disability. It is our policy to provide equal employment opportunity to all persons. We are committed to fair employment practices and are proud to be an equal opportunity employer, providing employees with a work environment free of harassment and discrimination.

Redox also offers support programmes for employees including an independent counselling service covering areas such as bereavement, divorce and alcohol abuse. Our maternity leave processes ensure employees are ready to return to work. We work with our employees to accommodate flexible working where possible. Redox uses professional benchmarking and diagnostic tools to evaluate performance on a regular basis, and measures its impact on employees. Redox ensures there is open communication between all levels of the business, which is highlighted through regular meetings and a casual workplace culture.



## GENERAL INFORMATION

CORPORATE INFORMATION

#### **MANAGING DIRECTOR -CHAIRMAN**

Robert Coneliano

#### **DIRECTORS**

Renato Coneliano Malcolm Perrins Ian Campbell Richard Coneliano Raimond Coneliano Ken Perrins

#### **COMPANY SECRETARY**

Malcolm Perrins

#### REGISTERED OFFICE

2 Swettenham Road Minto, NSW 2566 Australia

#### **ABN**

92 000 762 345

#### **DUN & BRADSTREET REF.**

75-114-3249

#### **AUDITORS**

Deloitte Private Pty Ltd Eclipse Tower, 60 Station Street Parramatta NSW 2150 Australia







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#### **SOLICITORS**

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#### **MANUFACTURING DIVISION SYDNEY**

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#### **MANUFACTURING DIVISION MELBOURNE**

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