



Mining, Transport & Industrial Cleaning

PRODUCT GUIDE



Challenge Everything, Expect More

We Challenge Everything

Founded in 1973, Challenge Chemicals has earned a reputation as a trailblazer in chemical manufacturing in Western Australia.

Our partnerships are underpinned by our extensive experience in manufacturing, a vast customer base, our expansive facility and warehousing capabilities, and the dedication of our long-term, qualified staff.

Our unwavering commitment to excellence has resulted in superior cleaning products. Among them, the Pilbara Tough range, a tested and proven product, designed resiliently to outperform in the most demanding environments on Earth.

We continuously challenge timeframes, labour hours, downtime, costs, and results to bring unparalleled value to our customers.

For full detailed product information visit our website.



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Industrial Water Based Degreasers

Ecosolve

Premium flagship product, independently tested showing exceptional user safety and biodegradability. ECOSOLVE is a pH neutral, heavy duty, water based, quick break degreaser used extensively within mining and automotive workshops.



Sizes: 25L, 200L & 1000L

Ecowash

ECOWASH is a water based, high strength, high pH, environmentally friendly, biodegradable, non phosphate, petroleum hydrocarbon free, quick break new age degreaser formulated to remove tenacious soilage encountered in mining operations.



Sizes: 25L, 200L & 1000L

Galaxy

Super concentrated, multipurpose, high pH, extreme heavy duty degreaser and cleaner. It is quick break and is readily soluble in water to dilute, offering an economical degreasing solution. Independently tested to show no harmful effects to the environments. Part of the Pilbara Tough range.



Sizes: 5L, 25L, 200L & 1000L

Galaxy RTU

Ready to use GALAXY solution. No mixing, no fuss. GALAXY RTU is Non DG product and independently tested to show no harmful effects to the environments. Part of the Pilbara Tough range.



Sizes: 200L & 1000L

HD Cleaner

Powerful concentrated caustic based degreaser formulated for safe and effective removal of heavy grease and soil deposits. Ideal for high pressure cleaning concrete and tile cleaning. Food safe.



Sizes: 5L, 25L, 200L & 1000L



Little Ripper

Non-caustic, super concentrated, biodegradable, multi-purpose, heavy duty cleaner and degreaser. LITTLE RIPPER is a non-flammable, non-corrosive, safety degreaser that can be used on most surfaces hard or porous surfaces. Part of the Pilbara Tough range.



Sizes: 5L, 25L, 200L & 1000L

Minewash

Super concentrated, water based, readily biodegradable degreaser formulated specifically to be used in low concentrations within industrial pressure washers to remove oils, greases and mining contaminate of equipment. Can also be used as a high strength safety degreaser for industrial uses.



Sizes: 25L, 200L & 1000L

Orange Magic

A safe, all powerful, concentrated detergent degreaser formulated for the automotive workshop industry to safely remove grease, oil, dirt, grime, wax and more without harming paintwork or flooring surfaces. Can be used on interior or exterior.



Sizes: 5L, 15L, 200L & 1000L

Power Foam

High foaming, multi-purpose HD degreaser and cleaner. Formulated to produce a high rich foam when applied through our dispensing systems. Independently tested to show no adverse effects to the environment. Part of the Pilbara Tough range.

Triple C

Concentrated, alkaline multi-purpose cleaner and degreaser. Ideally suited to the automotive workshops for an economical multi-purpose product.



Sizes: 5L, 25L, 200L & 1000L

Solvent Degreasers

Degreaser XL

A blend of hydrocarbons and emulsifying agents for quick penetration and heavy duty degreasing for the rapid removal of oils, grease and temporary metal protective coatings.



Sizes: 20L, 200L & 1000L

Supersolve

SUPER SOLVE combines the power of hydrocarbon solvents with the economy and ease of water dilution. The SUPER SOLVE diluted solution provides exception degreasing power and an economic solution for extra heavy-duty degreasing tasks such as bitumen and blackjack grease removal.



Sizes: 25L, 200L & 1000L

Supersolve RTU

A ready to use solution of SUPER SOLVE. No mixing and no handling of product.



Sizes: 5L, 25L, 200L & 1000L

Truck and Fleetwash

Chemtreat 18

A concentrated, quick breaking biodegradable detergent allowing rapid separation of oil and grease. Safe to use on all hard surfaces and will not damage paintwork.



Sizes: 5L, 25L, 200L & 1000L



Superwash

A super concentrated high level cleaner and degreaser formulated with quick break biodegradable detergents allowing superior cleaning and removal of oils, greases and road grim. Safe to use on all hard surfaces and will not damage paintwork.



Sizes: 5L, 25L, 200L & 1000L

Predator

Our premium and flagship biodegradable truck wash and degreaser. Superior strength to clean and remove grease and road grim as well as the ability to remove red dirt . Leaves a streak free brilliant finish. Perfect for hard water areas. Safe to use on all hard surfaces and will not damage paintwork.



Sizes: 5L, 25L, 200L & 1000L

Wash'n'Wax

WASH 'N' WAX is a concentrated low foaming detergent with good cleaning power combined with a blend of wax finishes which protect and enhance the gloss of the surface.

Featured Range for Concrete Removal

Crete-X

CRETE-X is a low corrosive, user-friendly , non-acidic, organic salts liquid solution formulated for removal of hardness scale, concrete and lime deposits from vehicles, equipment and other hard surfaces. Replaces the need to use harsh chemicals to remove concrete.



Sizes: 25L, 200L & 1000L

Crete-X Plus

CRETE-X PLUS is a double strength formulation to combat the toughest of concrete removal from equipment and tools. Has all the same features of CRETE-X.



Sizes: 25L, 200L & 1000L

Crete-X Gel

New to the CRETE-X range, CRETE-X GEL is formulated to cling to the surfaces when applied manually through a brush application. Has all the features of CRETE-X within a gel formulation.

Sizes: 25L

Acidic Cleaners

Metal, Rust, Calcium, Concrete and Red Dirt Cleaners

Allybrite

A combination of specialised acids and detergents for the cleaning and brightening of aluminum and stainless steel surfaces. Also ideal for cleaning of fiberglass hulls to remove yellowing.



Sizes: 5L & 25L

Metclean 40

A multi-purpose blend of surfactants and phosphoric acid for the removal of rust and calcium from metals, glass, tiles and piping



Sizes: 5L, 25L, 200L & 1000L

Metclean 40 PLUS

A super concentrated multi-purpose blend of surfactants and phosphoric acid wash for the removal of rust and calcium from metals, glass, tiles and piping.



Sizes: 25L, 200L & 1000L

Ridstain

A blend of oxalic and other acids for the safe removal of organics such as bore water staining of painted surfaces. Safe and easy to use.



Sizes: 25L, 200L & 1000L

RIO

R.I.O. is a blend of acids, emulsifiers, wetter's and surfactants formulated to remove tenacious red dirt deposits from painted surfaces, stainless steel and aluminum.



Sizes: 5L, 25L, 200L & 1000L



White Hot

A concentrated heavy duty remover of mineral salts and red dirt staining. It will brighten and clean all metals and oxidised painted surfaces. Specialised ingredients selected to leave surfaces clean, shiny and protected against further staining. Part of the Pilbara Tough range.



Sizes: 5L, 25L, 200L & 1000L

White Hot RTU

Ready to use WHITE HOT solution. No mixing required.



Sizes: 25L, 200L & 1000L

Readyclean

READY CLEAN is an inhibited strong acidic cleaner used to remove the toughest contaminants such as concrete and mineral staining off equipment and vehicles.



Sizes: 25L, 200L & 1000L

Featured Product

SOLVED

SOLVED effectively cleans what many products can't. It dissolves surface Rust and Calcium stains caused by hard water build up as well as a safer alternative to red dirt and bore water stain removal off painted surfaces and concrete. Non fuming and biodegradable makes SOLVED a safe and easy product to use on concrete, tiles and most hard surfaces.



Sizes: 25L, 200L & 1000L

Workshop and Automotive Chemicals

Citrus Scrub

A extra heavy-duty, petroleum free based hand cleaner with natural pumice beads that quickly removes all types of hard industrial soils. Lemon scented and includes lanolin to keep hands from drying and cracking.



Sizes: 5L & 20L

Shield

An easy to apply and highly effective solution designed to clean, protect and give shine to rubber, vinyl and plastic. Shields surfaces against sun damage, fading, cracking and discolouration, effectively slowing down the aging process.



Sizes: 750mL & 5L

Black Magic

A silicone based tyre rejuvenator BLACK MAGIC increases gloss and enhances and the appearance of tyres. Non-flammable and easy to apply.



Sizes: 5L & 20L

Clean Spray

A moderately alkaline low foaming powder detergent formulated for spray cleaning of components. When used at recommended dilutions is safe to use on steel, stainless steel, brass, aluminium, galvanised copper, soft alloys, PVC, rubber, polyethylene and glass components. Rust inhibitor added for further protection



Sizes: 20Kg

DW40

A fast-acting penetrant with capillary action to penetrate deep into crevices, threads and seams to break the rust bonds that hold stuck parts together, leaving behind a protective layer that prevents rust and corrosion from re-forming while lubricating parts.



Sizes: 5L & 20L

Partsolve

PARTSOLVE is a blend of high flash point solvents, wetters and emulsifiers formulated for safe and effective cleaning of mechanical components in parts washing machines or soak baths.



Sizes: 25L & 200L



Specialty Products

Airtech

AIRTECH is a chloride free liquid detergent formulated for detecting gas leaks in pipe work, tanks and all pressurised systems.



Sizes: 25L & 200L

Algae Clean

ALGAE CLEAN is a super concentrated non-chlorine solution formulated to kill and remove algae, mildew, and bacteria. ALGAE CLEAN is non corrosive, odor free and safe to use on all surfaces. Use ALGAE CLEAN on any surface where Algae, Mould or Bacteria is present.



Sizes: 25L, 200L & 1000L

Biobreak

A natural Enzyme-based multi-purpose, non toxic and biodegradable product that breaks down organics and odours. BIOBREAK rapidly digests grease, fat, oils, food proteins and other contaminants. Safe and environmentally friendly to use.



Sizes: 5L, 25L, 200L & 1000L

Boomer Clean

BOOMER CLEAN is a chlorinated, anti-scalant, alkali based detergent formulated for the cleaning and decontamination of all agricultural spraying equipment.



Sizes: 25L, 200L & 1000L

Silafilm

A silicon formulation that lubricates and protects all materials from friction and corrosion. Prevents the bonding of paint, wax, inks and adhesives.



Sizes: 25L

Wetsuit Wash

Contains deodorisers, neoprene softeners, colour brighteners, anti-fungal disinfectants, grease removers and fresheners for effective washing of wetsuits increasing the life the wetsuit materials and eliminating musty odours.



Sizes: 5L

Graffiti Removal

All Off

ALL OFF is formulated to be a heavy duty Graffiti Remover for the toughest, most stubborn removal of graffiti, paints and inks from hard surfaces. ALL OFF is a blend of Benzyl Alcohols and D'Limonene forming our strongest Graffiti Remover.



Sizes: 5L

Solution 45

SOLUTION 45 will remove most permanent inks and paints from sealed or painted surfaces. A blend of low aliphatic hydrocarbons, organic solvents and surfactants, formulated to remove graffiti from sealed surfaces while staying within the guidelines of Occupational Health and Safety standards for chemicals in the work place.



Sizes: 5L & 15L

Gum Remover

Used for the most effective removal of in grounded gum on hard surfaces.



Sizes: 1L



Featured Range for Down Well Treatments

Claysperse

Formulated for the cleaning and development of wells. Penetrates into the water bearing formation and disperses clays blocking the aquifer. Aids in the removal of metal oxides, bacteria and hardness salts from the casing, pumps and screens. Speeds up the development of new wells resulting in increased water production with less development time.

CLAYSPERSE can be used with other chemicals normally employed in wells. CLAYSPERSE is non corrosive and non flammable and safe to use.



Sizes: 15L

Nu Anti Bac

Formulated for the Removal of iron bacteria, slime and organic deposits from wells. Kills iron bacteria and dissolves iron bacteria deposits, slime and hardness scales.

Maintains sulphides, iron and manganese oxides in suspension until pumped from well. Improves water taste previously affected by bacteria and increases well production rates. Contains a wetting agent to aid penetration and improve cleaning efficiency.



Sizes: 15L

WellClean

Formulated for the removal of calcium and magnesium hardness scales, rust and corrosion products in water wells. Will remove hardness scales or corrosion products at ambient temperatures in a few hours. WELL CLEAN is inhibited to protect metal surfaces on screens, casings and pumps.



Sizes: 20Kg

Other Ranges

Pilbara Tough

Hospitality and Commercial Cleaning

Food Processing and Dairy

Commercial Laundry

Water Treatment



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