



# WELDING & METAL TREATMENT



# CONTENTS

## CATEGORIES

Corrosion Protection	3, 4, 5
Clean-Up	11
Equipment Maintenance	9
Fluxes	7
Metal Prep	8, 9
Metal Working	6
Parts & Accessories	12, 13
Post Weld	9
Soldering	7
Weld Spatter Protection	10

## PRODUCT GROUPS

Acid Treatments	9
Air Tool Lubricants	5
Anti-Spatters	10
Assorted Brushes	13
Cold Galvanising Paints	3
Coloured Galvanising Paints	4
Corrosion Cleaners	8
Cutting Fluids & Compounds	6
Degreasers	11
Etch & Zinc Phosphate Primers	4
Flux Liquid & Pastes	7
High Temperature Tape	13
Maintenance Lubricants	5
Nozzle Protection	10
Pump Assemblies & Taps	12
Silver Galvanising Paints	3
Solder Paste	7
Solder Sticks, Leaded	7
Solder Wire	7
Spray Bottles	12
Surface Prep Solvent	9
Surface Wipes	11
Thinners & Solvents	11
Weld Assurance	9
Weld Torch Protection	9

## PRODUCTS FEATURED IN THIS CATALOGUE

PRODUCTS FEATURED IN THIS CATALOGUE	PAGE
Adhesive Tape, Polyimide	13
Air Tool Conditioner/Cleaner, R2C	5
Air Tool Lubricant, R2L	5
Aluminium Cleaner, Aqueous	8
Anti-Spatter, Blu-Coat, ASBLU	10
Anti-Spatter, Dry Ceramic Coating, Protecta Shield	10
Anti-Spatter, Dry, Heavy Duty, DSPR	10
Anti-Spatter, Heavy Duty, ASPR	10
Anti-Spatter, Liquid, Heavy Duty, ASL	10
Brush, General Utility	13
Brush, Scratch	13
Brush, Soft Brass Steel	13
Brush, Vertical Scrubbing	13
Cleaner & Degreaser, Industrial, R22 (Citrashift)	11
Cutting Compound, Straight	6
Cutting Fluid, Soluble, EP	6
Cutting Fluid, Soluble, GP	6
Cutting Fluid, Soluble, Semi Synthetic	6
Cutting Fluid, Straight	6
Detecting Developer	9
Drum Tap, No Leak	12
Dye Penetrant Test Kit	9
Flux Liquid, High Activity	7
Flux Paste, Brazing, Aluminium	7
Flux Paste, Brazing, Copper & Brass	7
Flux Paste, Brazing, Silver	7
Flux Paste, High Activity	7
Galvanising Paint, Cold, 90	3
Galvanising Paint, Cold, Premium, 93	3
Galvanising Paint, Coloured, NPR	4
Galvanising Paint, Bright Silver, 2-in-1	3
Galvanising Paint, Silver, 3-in-1	3
Galvanising Paint, Premium Bright Silver, All-in-1	3
Gun Wash	11
Lubricant, Thick Film, R44	5
Lubricant, Thin Film, R1	5
Metal Cleaner & Degreaser, Prep-Solv	11, 9
Metal Degreaser, Multi-Industry, Heavy Duty	11
Neutraliser for Acidic Treatments	9
Nozzle Dipping Gel	10
Primers, Etch	4
Primers, Metal Oxide	4
Pump Dispensers, Spring-Loaded	12
Red Dye Penetrant	9
Rust Converter	8
Rust Preventative, Heavy Duty, R88	5
Rust Remover	8
Solder Paste, Leaded & Lead Free	7
Solder Sticks, Leaded	7
Solder Wire, Leaded & Lead Free	7
Sprayer, Fine Mist	12
Sprayer, Foaming Pump	12
Sprayer, Heavy Duty Viton® Seal	12
Stainless Steel Cleaner, Aqueous	8
Stainless Steel Cleaner, Aqueous, Food Grade	8
Thinners, General Purpose	11
Wax & Grease Remover	9
Weld Cleaning Solution, Acid-Based	8
Weld Torch Coolant	9
Wipes, Lint-Free	11



SAFETY DATA SHEETS, TECHNICAL DATA SHEETS,  
PRODUCT FLYERS, AND MORE, AVAILABLE FOR  
DOWNLOAD FROM [WWW.CHEMTOOLS.COM.AU](http://WWW.CHEMTOOLS.COM.AU)

# CORROSION PROTECTION

## COLD GALVANISING PAINTS

### GALMAX™ 90 COLD GALVANISING PAINT



Weld through primer. 99% zinc purity. 90% zinc in dry film. Matt finish.

Ideally suited to touch-up welds and damaged structures or components. Protects clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction.

**Exceptional long-term protection against rust and corrosion.**

Becomes indistinguishable to normal weathered galvanising when top-coated with with *GalMax™ SG Silver*.

Can also be top-coated with *GalMax™ NPR Coloured Galvanising Paint*.

#### GalMax™ 90 Sprayable

PART NO.	SIZE
CT-CG-400	400g Aerosol
CT-CGS-1L	1 Litre
CT-CGS-4L	4 Litres

#### GalMax™ 90 Brushable

PART NO.	SIZE
CT-CGB-1L	1 Litre
CT-CGB-4L	4 Litres

### GALMAX™ 93 PREMIUM COLD GALVANISING PAINT



Zinc rich weld through primer.

99% zinc purity. 93% zinc in dry film.

Exceptional long-term protection against rust and corrosion. **Passes ASTM B117-07 168hr Salt Spray Test - no defects.**

For touch-up welds and damaged structures and components. Protects clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction.

**TIP** - Top coat with *GalMax™ Silver* and *GalMax™ NPR Coloured Gal* ranges for a double-guarantee of long-term protection.

#### RECOMMENDED FOR USE ON:

- ▶ Cooling Towers ▶ Roads and Bridges
- ▶ Fencing and Piping ▶ Metal Fabrication
- ▶ Structural Steel ▶ Hot Dip Gal Repairs
- ▶ Marine and Offshore Rigs

PART NO.	SIZE
CT-GMCG-500	500g Aerosol



## SILVER GALVANISING PAINTS

### GALMAX™ SG 3-IN-1 SILVER GALVANISING PAINT

Exceptional rust and corrosion protection.

Weathers to the same colour as hot dip galvanising. Fast drying.

Suits touch-up welds and damaged structures or components.

Can be used extensively in the maintenance and restoration of damaged or worn galvanised metal.

**TIP** - Double-guarantee your corrosion protection on steel and iron structures or equipment by priming surfaces first with *GalMax™ 90 Cold Galvanising Paint* containing 90% zinc in dry film.



PART NO.	SIZE
CT-SG-400	400g Aerosol
CT-SG-1L	1 Litre
CT-SG-4L	4 Litres
CT-SG-20L	20 Litres

### GALMAX™ 2SG 2-IN-1 BRIGHT SILVER GALVANISING PAINT

Galvanising repair metallic paint.

Colour matches perfectly to galvanised surfaces. Possesses similar weathering characteristics. Inhibits corrosion on ferrous metals.

Dries to the touch in just 5 minutes. Ideal for the touch-up repair of all galvanised substrates.

**TIP** - For longer lasting protection, prime the surface first with *GalMax™ 90 Cold Galvanising Paint* before applying as a final top coat.

PART NO.	SIZE
CT-2SG-400	400g Aerosol



### GALMAX™ SG ALL-IN-1 PREMIUM BRIGHT SILVER GALVANISING PAINT

High performing aluminium rich metallic spray. Genuine all-in-one quick drying primer/top coat.

Exceptional long-term protection against rust and corrosion.

**Fuses to and protects steel and ferrous metals exposed to severe or corrosive environments.**

For use extensively in the maintenance and restoration of damaged or worn galvanised metal.

✓ Marine and offshore rigs

PART NO.	SIZE
CT-2GMSG-350	350g Aerosol



**NEED TO COLOUR MATCH YOUR TOP COAT?**



Turn over for our full range of **No Primer Required NPR Coloured Gal Paints** in 12 popular colours.

# CORROSION PROTECTION

## COLOURED GALVANISING PAINTS

### GALMAX™ NPR COLOURED GALVANISING PAINT

- Radiators
- Industrial Mufflers
- Roads & Bridges
- Fences & Pipes
- Metal Roofs
- Offshore Rigs

PART NO.	COLOUR	SIZE
CT-BKSG-400	Gloss Black	400g Aerosol
CT-BKSG-4L	Gloss Black	4 Litres
CT-BKSG-20L	Gloss Black	20 Litres
CT-BLSG-400	Blue	400g Aerosol
CT-CYSG-400	Caterpillar® Yellow	400g Aerosol
CT-JDSG-400	John Deere® Green	400g Aerosol
CT-GSG-400	Green	400g Aerosol
CT-MBKS-400	Matt Black	400g Aerosol
CT-MFRSG-400	Massey Ferguson Red	400g Aerosol
CT-MWSG-400	Matt White	400g Aerosol
CT-OSG-400	Orange	400g Aerosol
CT-RSG-400	Red	400g Aerosol
CT-WSG-400	White	400g Aerosol
CT-WSG-4L	White	4 Litres
CT-WSG-20L	White	20 Litres
CT-YSG-400	Safety Yellow	400g Aerosol



**Left to Right:**  
 Red (RSG), Massey Ferguson Red (MFRSG), Safety Yellow (YSG), Caterpillar® Yellow (CYSG), Gloss Black (BKSG), Matt Black (MBKS), Orange (OSG), John Deere® Green (JDSG), Green (GSG), White/Matt White (WSG/MWSG), Blue (BLSG)  
 Note: Cap is approximate colour only.

**Direct to metal corrosion protection.** Dries to a smooth and durable rust-fighting finish.

Protects steel and iron structures or equipment from corrosion. Use extensively in the maintenance and restoration of damaged or worn galvanised metal.

Excellent adhesion to most metal surfaces. Can also be used on concrete and ceramics. Great for use on marine and offshore rigs.

**TIP** - For long-term and added protection on fresh welds or in coastal environments, prime the surface first with either GalMax™ Cold Galvanising Paint or GalMax™ Zinc Oxide Primer.

### TIRED OF TRIGGER FINGER?

Meet **AeroGun**, an ergonomic, full grip anti-fatigue trigger spray attachment for aerosols. Impressively comfortable, smooth, and effortless to use. Easy to attach and remove.



Turn to **Page 12** for more product information.

## ETCH & ZINC PHOSPHATE PRIMERS

### GALMAX™ ETCH - GREY/BLACK ETCH PRIMER



**Reliably tough and durable anti-corrosive base coat.** Max adhesion for top coats. Developed for workshop applications on structural steelwork, sheets and plates, cranes, and storage tanks.

Exceptional corrosion resistance on iron and steel when exposed to water and mild chemicals.

Suits most metals, incl. aluminium and fibreglass.

Fast drying formula.

Chromate-free.

PART NO.	COLOUR	SIZE
CT-EPGY-400	Grey	400g Aerosol
CT-EPGY-4L	Grey	4 Litres
CT-EPBK-400	Black	400g Aerosol
CT-EPBK-4L	Black	4 Litres

### GALMAX™ ZPH - GREY/RED OXIDE METAL PRIMER



**Oil-based rust resistant zinc phosphate primer.** Tough, durable, smooth base coat. Ideal for non-galvanised ferrous metals.

Contains corrosion resistant pigments. Can be applied directly over rusty surfaces.

Protects from chemical fumes and extreme conditions.

Quick drying and long lasting.

Can be overcoated with all conventional top coats.

PART NO.	COLOUR	SIZE
CT-GYP-400	Grey	400g Aerosol
CT-GYP-1L	Grey	1 Litre
CT-GYP-4L	Grey	4 Litres
CT-ROP-400	Red	400g Aerosol
CT-ROP-1L	Red	1 Litre
CT-ROP-4L	Red	4 Litres

# CORROSION PROTECTION

## MAINTENANCE LUBRICANTS

### DEOX R88 HEAVY DUTY RUST PREVENTATIVE

Exceptional performance under the most severe and corrosive conditions. Excellent rust preventative properties.

Penetrates into hard to reach areas that are often prone to unseen corrosion. Resists moisture intrusion.

Leaves a thin but tough silicone-free translucent film that is easily removed with readily available solvents.

Protects from salt deposits and high humidity. Performs exceptionally well in mining, chemical, and other corrosive environments. Ideal for hand tools and machined parts.

**TIP** • Use during long-term or off-season storage to ensure parts remain moisture and corrosion resistant throughout.

PART NO.	SIZE
CT-R88-310	310g Aerosol
CT-R88-500ML	500ml
CT-R88-5L	5 Litres
CT-R88-20L	20 Litres



### DEOX R1™ THIN FILM LUBRICANT

✓ NON-FLAMMABLE FORMULA



✓ High quality, superior ingredients and refined mineral oils.

Dissolves grease and cleans most metal surfaces. Displaces water and repels moisture. Leaves a light surface film behind to prevent corrosion.

Reduces wear and friction. Effectively loosens rusted parts and stops squeaks.

Great lubricant for general maintenance on tools, parts, and machinery.

✓ SAFE FOR USE UNDERGROUND

PART NO.	SIZE
CT-R1-300	300g Aerosol
CT-R1-500ML	500ml
CT-R1-5L	5 Litres
CT-R1-20L	20 Litres

## AIR TOOL LUBRICANTS

- ✓ Jackhammers ✓ Ratchets ✓ Impact Wrenches ✓ Sanders ✓ Drills
- ✓ Saws ✓ Polishers ✓ Nailers ✓ Staplers ✓ Air Operated Pumps
- ✓ Most pneumatic equipment, including any other type of air operated motors

### DEOX™ R2C AIR TOOL CONDITIONER/CLEANER

Restores peak performance. Thoroughly cleans and reconditions power tools and internal pneumatic tool parts.

Dissolves sludge and obstructions. Eliminates calcium build-up and accumulated dirt.

Significantly improves air pressure, flow, and speed.

Allows smooth operation to motors and impeded air inlets.

Returns efficiency once friction generating deposits are broken down and flushed away.

Inhibits corrosion. Provides long-lasting lubrication.

Protects tools from seizing.



PART NO.	SIZE
CT-R2C-350	350g Aerosol

### DEOX™ R2L AIR TOOL LUBRICANT



Complex solvent-free blend of refined mineral oil distillates, corrosion inhibitors, and extreme pressure additives.

Non-Foaming. Offers superior lubrication of moving internal tool parts. Absorbs moisture and prevents the formation of calcium deposits.

High performance. Extends tool life, prevents parts seizure, and keeps pneumatic tools in peak condition.

Can be used for general lubrication and maintenance of tools and equipment.

Pleasant smelling.

PART NO.	SIZE
CT-R2L-250ML	250ml Spout Bottle
CT-R2L-500ML	500ml Spout Bottle
CT-R2L-5L	5 Litres
CT-R2L-20L	20 Litres

✓ NON-FLAMMABLE FORMULA

### DEOX R44 THICK FILM LUBRICANT



✓ Lanolin-based with no silicone or harsh solvents

Lubricates metal surfaces.

Rejuvenates stainless steel. Protects against friction and wear. Extends the life of moving or mechanical parts.

Seals against moisture.

Will cling in wet or dry conditions.

✓ RESISTS CORROSION

PART NO.	SIZE
CT-R44-300	300g Aerosol
CT-R44-500ML	500ml
CT-R44-5L	5 Litres
CT-R44-20L	20 Litres

# METAL WORKING

## CUTTING FLUIDS & COMPOUNDS

Tap-N-Cool Cutting Fluids and Compounds are long-lasting formulas which include a highly effective biocide package. This ensures the in-use emulsion resists forming bacteria and fungus, thereby reducing spoilage and odours. Our fluids provide an excellent finish for all operations.

- ☑ Cutting ☑ Grinding ☑ Reaming
- ☑ Threading ☑ Turning/Boring
- ☑ Broaching ☑ Screw Machining
- ☑ Milling ☑ Sawing ☑ Drilling

	Water Soluble?	Dilution Required?	Milky Emulsion After Dilution	Includes Biocide Package	All Metals Inclusive of Yellow Metals	'Hard to Work' Metals incl. Stainless Steel & High Nickel Alloys	Ferrous & Non-Ferrous Metals incl. Alloys	No Chlorine, Nitrites, Phenols, or Active Sulphur
Straight Cutting Fluid	N - Neat Oil	N	N/A	N	Y	-	Y	-
Straight Cutting Fluid (Aerosol)	N - Neat Oil	N	N/A	N	Y	-	Y	-
Soluble Cutting Fluid - GP	Y	Y - Highly Stable When Diluted	Y	Y	Y	-	-	Y
Soluble Cutting Fluid - EP	Y	Y - Highly Stable When Diluted	Y	Y	Y	Y	Y	Y
Soluble Cutting Fluid - Semi Synthetic	Y	Y - Highly Stable When Diluted	Y	Y	Y	-	Y	Y

### TAP-N-COOL STRAIGHT CUTTING FLUID

Non-staining, high performance neat oil. Excellent corrosion inhibition for a rust free environment for machine tools and finished parts.

Free-flowing. Contains anti-wear properties.

Uses specialised functional chemistry to minimise misting.



PART NO.	SIZE
CT-SCF-250ML	250ml
CT-SCF-300	300g Aerosol
CT-SCF-500ML	500ml
CT-SCF-5L	5 Litres
CT-SCF-20L	20 Litres

### TAP-N-COOL SOLUBLE CUTTING FLUID - SEMI-SYNTHETIC

Water soluble. Low foaming stable mixture that will not separate. For ferrous and non-ferrous metals, including widely used exotic metals.

Exceptional high film strength. Excellent anti-corrosion properties.

Highly recommended for grinding and machining.

Provides an excellent finish for all operations.



PART NO.	SIZE
CT-SYFO-1L	1 Litre
CT-SYFO-5L	5 Litres
CT-SYFO-20L	20 Litres

### TAP-N-COOL SOLUBLE CUTTING FLUID - EP

Heavy duty metalworking and grinding fluid. Non-staining, extreme pressure formula. Highly efficient cooling. Replaces straight oils. Excellent lubrication and corrosion inhibition.

Highly stable when diluted with hard water up to 400ppm. Suited to high speed machines where the primary requirements are cooling and surface finish. Formulated for use with hard-to-work metals.



PART NO.	SIZE
CT-SCFO-1L	1 Litre
CT-SCFO-5L	5 Litres
CT-SCFO-20L	20 Litres

### TAP-N-COOL SOLUBLE CUTTING FLUID - GP

Medium duty, non-staining blend of solvent refined mineral oils and specialised additives for extreme pressure protection. Long lasting lubrication and corrosion inhibition. Highly stable when diluted with hard water up to 400ppm.

Suited to high speed machines where the primary requirements are cooling and surface finish. Compatible with a wide variety of metals, inclusive of yellow metals.



PART NO.	SIZE
CT-SCGO-1L	1 Litre
CT-SCGO-5L	5 Litres
CT-SCGO-20L	20 Litres

### TAP-N-COOL STRAIGHT CUTTING COMPOUND



High performance metal working paste. Long-lasting. Non-staining. Safe at high temperatures. Safe for use with hand tools and heavy duty power tools. Can be used on all metal types, inclusive of yellow metals.

Contains specialised extreme pressure (EP) additives to rapidly dissipate heat without producing noxious fumes.

High corrosion inhibition to maintain a rust-free environment for machine tools and finished parts. Excellent anti-wear properties.

Formulated from solvent refined mineral oils for an unsurpassable finish.

Improves the dimensional stability of the surface.

PART NO.	SIZE
CT-SCC-500G	500 grams
CT-SCC-2KG	2 Kilograms

# FLUXES

## FLUX LIQUID & PASTES

### VIOFLUX ALUMINIUM BRAZING FLUX PASTE

Highly active flux. Promotes controlled, low temperature brazing.

**Excellent cleaning action.**

Specially formulated for soldering aluminium and aluminium alloys to itself or to other metals, including copper, brass, zinc, nickel, or tin-plated surfaces.

May also be used to solder aluminium to stainless steel and nickel.

PART NO.	SIZE
CT-VABP-200	200 grams



### VIOFLUX HIGH ACTIVITY FLUX LIQUID/PASTE

General purpose acid-based flux. Specially blended to become active at room temperature where it begins to clean metals and remove oxides.

PART NO.	TYPE	SIZE
CT-VFP-150	Paste	150 grams
CT-VF-1L	Liquid	1 Litre
CT-VF-5L	Liquid	5 Litres
CT-VF-20L	Liquid	20 Litres

Exerts a strong scavenging action to remove oxide coatings and other impurities.

Produces clean, strong joints.

- Soft Metals
- Stainless Steel
- Ferrous Alloys
- Inconel
- High-Chrome Alloys
- Nickel
- Brass
- Monel
- Copper



### VIOFLUX COPPER & BRASS BRAZING FLUX PASTE

High activity paste. Creamy white texture.

**Protective up to 1100°C.** Use concentrated or thin with water.

Specially formulated for copper and copper alloys, brass, steel, nickel, silver, and some ferrous alloys.

Remaining residues are water soluble and easy to clean.

Leaves a bright, strong, non-porous joint.

PART NO.	SIZE
CT-VCBP-200	200 grams



### VIOFLUX SILVER BRAZING FLUX PASTE

**Active, non-hardening, non-crystallising general purpose flux paste.** Creamy white texture.

Protective up to 870°C. Use concentrated or thin with water.

Recommended for copper and copper-based alloys, steel, stainless steel, nickel, carbides, precious metals, and heat-resistant alloys.

Water soluble residues are easy to clean.

PART NO.	SIZE
CT-VSBP-200	200 grams



## SOLDERING

### SOLDER WIRE

#### LEADED: SN63/PB37

PART NO.	WIDTH
CT-6308-500	0.8mm
CT-6312-500	1.2mm
CT-6316-500	1.6mm
CT-6320-500	2.0mm
CT-6332-500	3.2mm

#### LEAD FREE

PART NO.	WIDTH
CT-LF08-500	0.8mm
CT-LF12-500	1.2mm
CT-LF16-500	1.6mm
CT-LF20-500	2.0mm

General purpose, mildly activated flux core solder wire.

Good flux activation and excellent tarnish and oxide removal during the solder process.

Results in bright, shiny solder joints.



### LEADED SOLDER STICKS

**SN40/PB60** - Commonly used for automotive and plumbing applications.

**SN60/PB40** - Commonly used for electrical soldering applications. Also used for leadlight, and gives a good flow for foil work.

**SN50/PB50** - Commonly used for copper drain piping, tin plating, seaming joints and sheet metal. Can be used to solder copper and most copper alloys including lead, nickel alloys and steel.

PART NO.	LEAD TYPE	MELTING POINT	WEIGHT EA
CT-4060ST	SN40/PB60	183°C to 235°C	1 Kilogram
CT-6040ST	SN60/PB40	183°C to 190°C	1 Kilogram
CT-5050ST	SN50/PB50	183°C to 188°C	1 Kilogram

## SOLDER PASTE

### LEADED & LEAD FREE

For electric, electronic, mechanical, and jewellery applications.

Offers consistent transfer efficiencies, excellent wetting, improved printing, and reduced voiding.

Results in bright, smooth, and shiny solder joints.



PART NO.	TYPE	SIZE
CT-63SP-250G	Leaded	250 grams
CT-LFSP-250G	Lead Free	250 grams

# METAL PREP

## CORROSION CLEANERS

### CORROFIX™ RUST CONVERTER

Mildly acidic solution. Penetrates effortlessly.

**Chemically converts rusty metal into a usable, waterproof, impervious black iron.**

Forms a long lasting barrier against further corrosion. Dramatically increases the life expectancy of metals.

Promotes adhesion prior to priming, painting, or coating.



PART NO.	SIZE
CT-RC-750ML	750ml Trigger Spray
CT-RC-1L	1 Litre
CT-RC-5L	5 Litres
CT-RC-20L	20 Litres

### CORROFIX™ RUST REMOVER

Phosphoric-based. Industrial strength. **Ideal for metal preparation.**

For use on steel, iron, cast iron, copper, and similar active metals.

Quickly dissolves rust, corrosion, metal oxides, and tarnishing. Provides ongoing rust protection.

Ideal for galvanised roofs, hand tools, fencing, automotive panels, rusted nuts and bolts, ironwork, and more.



PART NO.	SIZE
CT-RM-750ML	750ml Trigger Spray
CT-RM-1L	1 Litre
CT-RM-5L	5 Litres
CT-RM-20L	20 Litres

### CHEMTIG™ ACID-BASED WELD CLEANING SOLUTION



**One step cleaning and passivation.**

Removes discoloration, tea staining, light surface oxides, and rust from recently welded stainless steel.

Fast acting. Easy rinse off. Great alternative to pickling paste.

Cleans and polishes metal welds with ease.

**NON-FLAMMABLE FORMULA**

### CORROFIX™ AQUEOUS ALUMINIUM CLEANER

**Chemically destroys corrosion and stains on aluminium and other soft metals.**

Acts quickly on light oxidation and rust to produce a chemically clean surface.

Rinses away easily with no streaking.

Typically used on parts that can be wiped or immersed.



PART NO.	SIZE
CT-ALC-750ML	750ml Trigger Spray
CT-ALC-1L	1 Litre
CT-ALC-5L	5 Litres
CT-ALC-20L	20 Litres

### CORROFIX™ AQUEOUS STAINLESS STEEL CLEANER

**Fast acting, water-based rust and stain remover.** Low foaming. Non-streaking. Free rinsing. Contains some acids.

Removes mineral salt deposits and light surface oxidation. Cleans a diverse range of oils, coolants, and many heavy compounds. Produces a metallurgically clean and bright surface.

For steel, stainless steel, and other metals. Ideal for parts cleaning and immersion cleaning prior to plating.



PART NO.	SIZE
CT-WASC-750ML	750ml Trigger Spray
CT-WASC-1L	1 Litre
CT-WASC-5L	5 Litres
CT-WASC-20L	20 Litres

**NON-FLAMMABLE FORMULA**

### CORROFIX™ FOOD GRADE AQUEOUS STAINLESS STEEL CLEANER

**Non-acidic formula.** Fast acting, water-based rust and stain remover. Low foaming. Non-streaking. Free rinsing.

Removes mineral salt deposits and light surface oxidation. Cleans a diverse range of oils, coolants, and many heavy compounds. Produces a metallurgically clean and bright surface.

For steel, stainless steel, and other metals. Ideal for parts cleaning and immersion cleaning prior to plating.

**SAFE in areas where incidental or no contact with edible product may occur**



PART NO.	SIZE
CT-WASC-FG-750ML	750ml Trigger Spray
CT-WASC-FG-1L	1 Litre
CT-WASC-FG-5L	5 Litres
CT-WASC-FG-20L	20 Litres

PART NO.	CT-25-STD-1L	CT-25-STD-5L	CT-25-STD-20L
SIZE	1 Litre	5 Litres	20 Litres

**USE IN CONJUNCTION WITH ALL BRANDS OF WELD BRUSH CLEANERS**



# METAL PREP

## SURFACE PREP SOLVENT

### GALMAX™ SOLVENTS WAX & GREASE REMOVER

Heavy duty surface preparation treatment. Fast drying. Leaves no residue. Contains a blend of aliphatic solvents.

Penetrates to dissolve anti-spatter residues, wax, grease, oil, silicone, glue, grime, tar, and most other surface contaminants.

Safe on rubbers, plastics, non-tinted glass, most painted surfaces, and most metals, incl. steel, stainless steel, aluminium, and copper.



PART NO.	SIZE
CT-WGR-1L	1 Litre
CT-WGR-5L	5 Litres
CT-WGR-20L	20 Litres

# EQUIPMENT MAINTENANCE

## WELD TORCH PROTECTION

### CHEMTIG™ WELD TORCH COOLANT

Non-hazardous, corrosion inhibiting liquid. Stable, low viscosity formula. Improves weld quality, speed, and productivity.

Protects torch heads and internal cooling system parts such as pumps, valves, and pipework. Ensures parts remain in high working order.

Compatible with all high performance welding equipment. Will not damage metals or plastics.

**TIP** - With regular use, internal mineral deposit build-up during operation will be eliminated entirely. Consistent use extends time between preventative maintenance schedules. It will also reduce electric consumption.



PART NO.	SIZE
CT-WTC-5L	5 Litres
CT-WTC-20L	20 Litres

# POST-WELD

## WELD ASSURANCE

### CHEMTIG™ DYE PENETRANT TEST KIT

Non-destructive fault finder system. 5 simple steps with only 3 products. Uses ozone friendly propellants. Detects microscopic cracks and flaws on the surface of metals, plastics, and ceramics. Flaws are revealed as red marks on a white background.

Specially formulated for weld quality assurance.

Purchase as a 3-piece kit or buy each aerosol separately.

PART NO.	SIZE
CT-WCFF	3-Piece Aerosol Dye Penetrant Test Kit

#### PREP-SOLV METAL CLEANER & DEGRASER

Removes anti-spatter residue.

Penetrates and dissolves oils, coolants, greases, and waxes.

Compatible with most metals and alloys, including steel, stainless steel, aluminium, and copper.

PART NO.	SIZE
CT-ASC-240	240g Aerosol

#### RED DYE PENETRANT

Spray-on inspection liquid.

Seeps into microscopic cracks.

Locates critical surface-breaking defects in all non-porous materials, including plastics, ceramics and most metals.

PART NO.	SIZE
CT-DPI-300	300g Aerosol

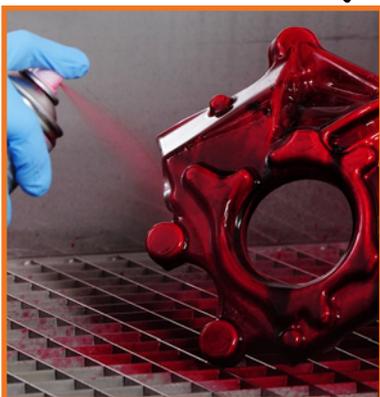
#### DETECTING DEVELOPER

Reveals microscopic cracks and non-visible fractures and flaws.

Consists of a white powder suspended in solvents.

Pulls the entrapped penetrant to the surface by capillary action.

PART NO.	SIZE
CT-DVP-300	300g Aerosol



Locating critical defects with Red Dye Penetrant



## ACID TREATMENTS

### CORROFIX™ NEUTRALISER FOR ACIDIC TREATMENTS

Concentrated alkaline solution. Specially formulated to neutralise acidic pickling waste or other acid deposits. Rinses off easily with water.

Suitable for use on stainless steel welds and other metals.

Contains an inbuilt pH indicator for visual colour change when neutralisation has been completed.



PART NO.	SIZE
CT-SSN-5L	5 Litres
CT-SSN-20L	20 Litres

# WELD SPATTER PROTECTION

## ANTI-SPATTERS

### ZERO SPAT™ ASBLU BLU-COAT ANTI-SPATTER

**Heavy duty solvent-free and silicone-free solution.** Provides instant shielding. Eliminates the need for grinding or brushing post-weld. Rinses away easily leaving no residues.

Inhibits rust and corrosion. Will not cause weld porosity or create pinholes.

Non-flammable. Safe to use on most manual, automatic, and robotic applications.



PART NO.	SIZE
CT-ASBLU-750ML	750ml Trigger Spray
CT-ASBLU-5L	5 Litres
CT-ASBLU-20L	20 Litres
CT-ASBLU-200L	200 Litres

### ZERO SPAT™ ASL HEAVY DUTY ANTI-SPATTER

**Highly heat resistant, easy wipe-off milky formula.** Instant shielding action. Evaporates slowly. Performs exceptionally well, even after prolonged welds.

Safe to use on most manual, automatic, and robotic applications.

Non-flammable, water-based formula.

Non-toxic, low odour, and solvent-free.



PART NO.	SIZE
CT-ASL-750ML	750ml Trigger Spray
CT-ASL-5L	5 Litres
CT-ASL-20L	20 Litres
CT-ASL-200L	200 Litres

### ZERO SPAT™ ASPR HEAVY DUTY ANTI-SPATTER

Fast drying, non-flammable, highly effective solvent-based formula.

**Instant shielding action. Forms a wet film.** Spatter and residue wipe easily away.

Leaves a light surface film which protects against rust and corrosion.

Can be used for MIG/MAG welding, manual, automatic, and robotic applications.

Will not cause weld porosity, nor interfere with post-weld powder or paint coatings.

Adheres well to most surfaces where vertical welding is required.

Improves productivity and eliminates the need for chiselling and grinding.

Increases economical efficiency and decreases high spatter removal costs.

PART NO.	SIZE
CT-ASPR-500	500g Aerosol



### ZERO SPAT™ DSPR HEAVY DUTY DRY ANTI-SPATTER

Silicone-free, non-oily, non-flammable formula.

**Forms a long-lasting dry white film.** Residue can be easily wiped or brushed away.

No pre-cleaning with solvents required prior to painting.

Can be used for MIG/MAG welding, manual, automatic, and robotic applications.

Adheres well to most surfaces where vertical welding is required.

Will not cause weld porosity, nor interfere with post-weld powder or paint coatings.

PART NO.	SIZE
CT-DSPR-300	300g Aerosol



## NOZZLE PROTECTION

### ZERO SPAT™ PTS PROTECTA SHIELD HEAVY DUTY DRY CERAMIC COATING

Provides up to **8 hours** protection in a single application. Allows for significantly longer production times and shorter downtimes.

**Forms a non-oily, heat-hardening film which prevents weld spatter from sticking to weld nozzles, MIG/MAG equipment, and laser/plasma cutting tools - including the product itself being welded.**

Robust, residue-free, non-flammable formula.

Excellent adhesion to all metal surrounds, including fixtures, fittings, and other welding equipment. Can be easily brushed or wiped away post-weld.

Adheres well to most surfaces where vertical welding is required.

Will not cause weld porosity, nor interfere with post-weld powder or paint coatings.

PART NO.	SIZE
CT-PTS-300	300g Aerosol



### ZERO SPAT™ NDG NOZZLE DIPPING GEL

**Cost effective non-flammable, anti-spatter cooling gel.**

Prevents weld spatter from adhering to weld torch components, such as shrouds, nozzles, contact tips, jigs, diffusers and the weld area.

Designed to cool temperatures and prolong the life of MIG torch front end parts to improve weld quality and productivity.

Low odour. Excellent cooling properties.

Non-toxic and contains no harsh chemicals, hydrocarbons, fluocarbons, or silicones.

PART NO.	SIZE
CT-NDG-400	400 grams



**COMING SOON TO CHEMTOOLS...**  
**BAG ON VALVE CANS**  
 THE ECO-SAFE GAS-FREE AEROSOL



Eco-friendly **BOV** aerosols use compressed air instead of dangerous gas for a higher performing, safer to use product. Keep an eye out for **ASBLU** and **ASL** Anti-Spatters which will soon be available in **500ml BOV cans**.

# CLEAN-UP

## DEGREASERS

### CHEMTIG™ PREP-SOLV METAL CLEANER & DEGREASER

CFC-free blend of fast drying aliphatic solvents.  
Effectively penetrates and dissolves a diverse range of oils, coolants, greases, and waxes.  
Compatible with most metals and alloys, including steel, stainless steel, aluminium, and copper.  
Removes fingerprints, machine oil, and greases prior to welding.  
Removes any remaining anti-spatter residue from metal surfaces prior to painting or powder coating.  
May be used by immersion, brushing, or wiping to clean and prepare metal surfaces prior to crack and fault detection.

Leaves no surface residues.

PART NO.	SIZE
CT-ASC-240	240g Aerosol



This product is also included in the easy to use ChemTig™ Dye Penetrant Test Kit (Part No. CT-WCFE). Turn to Page 9 for more product information.

### DEOX R22 CITRASHIFT INDUSTRIAL CLEANER & DEGREASER

Instantly emulsifies oils, greases, and fats. Ideal for concrete and workshop floors, motorised tools and equipment, heavy machinery, and electrical components.  
Removes adhesives, resins, printing inks, decals, rubber solvents, tyre marks, tar, and asphalt.  
Water soluble, streak-free, and free rinsing. Keeps drains flowing while its extremely strong citrus fragrance deodorises effectively.  
Non-flammable. Contains no acids, alkalis, or solvents.  
Suitable for light to heavy degreasing.

PART NO.	SIZE
CT-R22-300	300g Aerosol
CT-R22-500ML	500ml
CT-R22-750ML	750ml Trigger Spray
CT-R22-5L	5 Litres
CT-R22-20L	20 Litres

Safe for use in kitchens, sinks, and other steel food preparation areas.



### MULTI-INDUSTRY HEAVY DUTY METAL DEGREASER

Powerful, non-chlorinated solvent.  
Provides maximum cleaning without the need for parts disassembly.  
Rapidly penetrates and flushes away grease, oil, grime, and hardened deposits.  
Evaporates quickly and leaves no contaminant attracting residue behind.  
Allows significant improvement in the efficiency of moving components and mechanical assemblies.  
Eliminates squeaks and other operating noises.  
Safe for use on all metals and most plastics.



PART NO.	SIZE
CT-BC-500	315g (500ml) Aerosol
CT-BC-5L	5 Litres
CT-BC-20L	20 Litres

## THINNERS & SOLVENTS

### GALMAX™ SOLVENTS GUN WASH

Blend of virgin solvents.  
Ideal for cleaning acrylic paints, enamels, and lacquers from spray guns and painting equipment, such as pressure pots and spray lines.  
Particularly effective in removing fresh air dry alkyd coatings.  
Equipment can be immersed and soaked. Fast drying with plenty of air circulation.



PART NO.	SIZE
CT-GW-20L	20 Litres

### GALMAX™ SOLVENTS GENERAL PURPOSE THINNERS

Economical, fast drying cleaning solvent. Removes unwanted paint or overspray from all non-painted surfaces.  
Suitable for mixing with most acrylic paints, stains, enamels, and lacquers.  
Can also be used as a solvent for epoxies.  
Great for cleaning paint equipment.  
Very good sub for Gun Wash.



PART NO.	SIZE
CT-GPT-1L	1 Litre
CT-GPT-5L	5 Litres
CT-GPT-20L	20 Litres

## SURFACE WIPES

### LINT FREE WIPES - 100 SHEET PACK

High strength. Completely sterile. Highly absorbent.  
Static-free when used with liquids - dust will not cling.  
Non-scratch and extremely soft.  
Ideal for sensitive parts and equipment.  
Compatible with many liquids and solvents, including Gun Wash, General Purpose Thinners, Isopropyl Alcohol, Acetone, and Methylated Spirits.



PART NO.	SHEET SIZE	MATERIAL
CT-LFW-100	30cm x 35cm	Non-woven blend of polyester and lyocell

# PARTS & ACCESSORIES

COMFORTABLE • SMOOTH • EFFORTLESS

## TURN YOUR AEROSOL INTO A PROFESSIONAL AEROGUN SPRAY GUN



Provides relief from finger, hand, palm, wrist, and forearm strain.

Allows for better manoeverability while dispensing paints, lubricants, solvents, or other chemicals.

FITS ALL STANDARD AEROSOLS WITH A 30MM TOP RIM

PART NO.	DESCRIPTION
CT-AG-1	Single
CT-AG-10	Pack of 10

## SPRAY BOTTLES

### FINE MIST SPRAYER

Natural HDPE plastic body. Sturdy, reliable trigger. Fine mist adjustable nozzle.

Excellent go-to sprayer for most liquids.



**NOTE:** Not suitable for use with solvent-based liquids



PART NO.	SIZE
CT-SPR-500ML	500ml Capacity
CT-SPR-700ML	700ml Capacity
CT-SPR-1L	1 Litre Capacity

### FOAMING PUMP SPRAYER

Hand-held pressure spray.

Designed to generate long-lasting foam. No pressure washer or foam cannon required.

Compatible with solvent-based products.

**GREAT FOR:**  Car and Truck Washing  
 Soaps  Glass Cleaners  Concrete Dissolving Formulas  
 Tyre Shine Liquids  
 ... and many others ...



#### SPECIFICATIONS

- Max Pressure Bar: 3.00
- Gasket: Viton® Heavy Duty Seal
- Nozzle Jet: Fan
- Pumping Rod: PP

PART NO.	SIZE
CT-FSPR-1.5L	1.5 Litre Capacity

### HEAVY DUTY VITON® SEAL SPRAYER

Comfortably sized hand-held pressure spray. Impact resistant HDPE body. High quality Viton® seal.

Designed for repetitive, heavy duty use. Produces an even, constant mist.

Resists most harsh solvents and mineral oils containing sulphur.

**NOTE:** This unit comes pre-installed with one Heavy Duty Viton® Seal Kit.

Replacement kits may also be purchased separately.



PART NO.	SIZE / DESCRIPTION
CT-MSPR-1L	1 Litre Capacity
CT-MSPR-S-KIT-GN	H/Duty Viton® Seal Replacement Kit

## PUMP ASSEMBLIES & TAPS

### SPRING-LOADED PUMP DISPENSERS

Heavy-duty push pumps designed to handle viscous liquids such as creams, soaps, lotions, and gels.

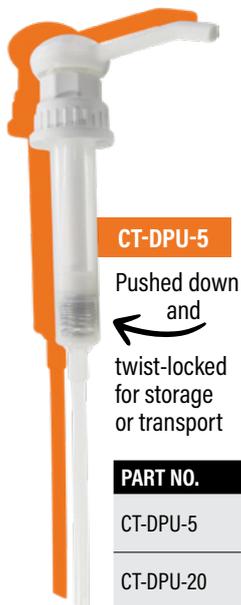
Durable and sturdy for use in commercial or industrial environments.

When fully depressed, they can be twist-locked in situ for safe transport or space-saving storage.

A simple twist in the opposite direction releases the lock, and the stainless steel spring-loaded pump auto-extends to full height.

Internal dip tube may be cut to size. For containers of any height greater than 15cm.

Each stroke dispenses a 30ml dose.



**CT-DPU-5**

Pushed down and twist-locked for storage or transport



**CT-DPU-20**

PART NO.	SCREW CAP	DIP TUBE	FULL HEIGHT	SUITABILITY
CT-DPU-5	38mm Diameter	23cm Length	40cm	Plastic Jerry Can Bottles up to 5 Litres
CT-DPU-20	58mm Diameter	37cm Length	52cm	Plastic Cube Drums between 15 and 25 Litres

### NO LEAK DRUM TAP



Fast, no leak shut off valve. Installs easily. Suits drums dispensing smaller quantities quickly.

Produces a quick, smooth flow.

Hard wearing handle designed with a better grip for more controlled motion.

Made from long-lasting polyethylene for broad chemical compatibility.

PART NO.	SUITABILITY
CT-DPU-1	15 to 20 Litre Cube Drums

# PARTS & ACCESSORIES

## HIGH TEMPERATURE TAPE

### POLYIMIDE ADHESIVE TAPE

Thin, reliable, and highly conformable. Enables the masking of uneven surfaces. Remains flexible.

Coated with a heat resistant silicone adhesive - will not lose its bond under any circumstance.

Withstands temperatures between -75°C and 260°C. Self-extinguishing. Removes cleanly and leaves no residue after heat exposure.

Resistant to solvents, oils, and acids. Superior resistance to punctures and tears. High chemical resistance and excellent insulation properties.

Insulates capacitors, coils, transformers, and magnetic wires. Wraps sensors, diaphragms, and switches.



SPOOL LENGTH:  
33 METERS

✓ USE DURING POWDER COATINGS AS A HIGH TEMP MASK

- Nominal Film Thickness: 0.025mm
- Nominal Adhesive Thickness: 0.035mm
- Breakdown Strength: ≥ 5.0KV
- Tensile Strength: ≥ 115 N/25mm
- Elongation: ≥ 35 %
- Peel Strength: ≥ 4.5 N/25mm

PART NO.	WIDTH
KT-2304	4mm
KT-2306	6mm
KT-2308	8mm
KT-2310	10mm
KT-2312	12mm
KT-2316	16mm
KT-2324	24mm
KT-2336	36mm

## ASSORTED BRUSHES

Chemtools brushes are constructed with premium grade materials using static-neutral plywood and hardwood. They are highly reliable with no bristle loss and no risk of contamination. All hog hair and brass bristled brushes are anti-static and tightly secured in place for long-term retention and maximum re-use.

### SCRATCH BRUSH

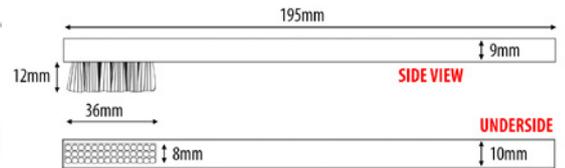
3 rows of stiff hog hair bristles.

Great for the removal of sticky glues or crusty materials.

Use on wet or dry surfaces.



PART NO.	LENGTH	BRISTLE DIMENSIONS	BRISTLE LENGTH
8-BR21	195mm	36mm x 8mm	12mm



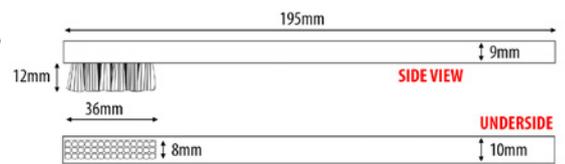
### SOFT BRASS STEEL BRUSH

Heavy duty triple row cleaning brush. High grade brass steel bristles.

Removes chemical build-up and flux deposits. Cleans hot solder tips without damage.



PART NO.	LENGTH	BRISTLE DIMENSIONS	BRISTLE LENGTH
8-BR25	195mm	36mm x 8mm	12mm



### GENERAL UTILITY BRUSH

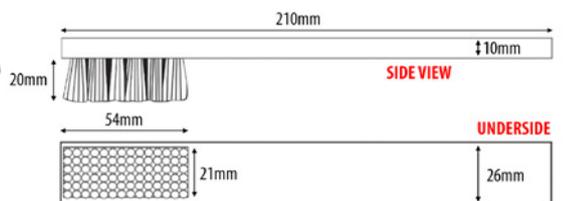
Multiple rows of hog hair on an extra large brush base.

Great for sweeping polished surfaces.

Can be used wet or dry.



PART NO.	LENGTH	BRISTLE DIMENSIONS	BRISTLE LENGTH
8-BR22	210mm	54mm x 21mm	20mm



### VERTICAL SCRUBBING BRUSH

Strong, wide, hardwood handle.

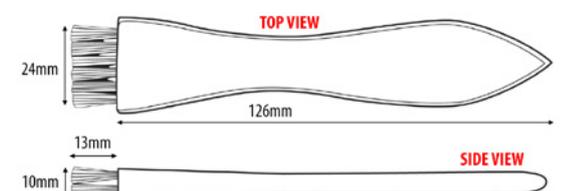
Double row of hog hair bristles.

Ideal for dusting and general clean-up.

Suitable for wet or dry applications.



PART NO.	LENGTH	BRISTLE DIMENSIONS	BRISTLE LENGTH
8-BR27	126mm	24mm x 10mm	13mm





**A NEW FORCE IN CHEMICAL MANUFACTURING**

**AUST PH: 1300 738 250 - NZ PH: 09 940 2745**

**YOUR LOCAL SALES REPRESENTATIVE IS:**

**AUST MANUFACTURING FACILITY:  
UNIT 2, 14 - 16 LEE HOLM ROAD  
ST MARYS NSW 2760 AUSTRALIA**

**PROUDLY 100% AUSTRALIAN OWNED & OPERATED**

**CHEMTOOLS.COM.AU - CHEMTOOLS.CO.NZ**