

**2023 - 2024
CATALOGUE**



WELDING & METAL TREATMENT

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SAFETY DATA SHEETS, TECHNICAL DATA SHEETS,
PRODUCT FLYERS, AND MORE, AVAILABLE FOR
DOWNLOAD FROM 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*.

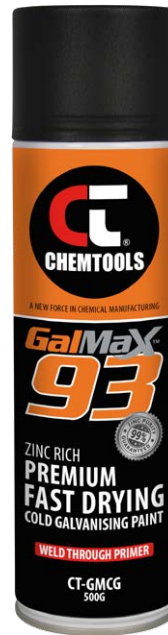
GalMax™ 90 Sprayable

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 11 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-MBKSG-400	Matte Black	400g Aerosol
CT-MFRSG-400	Massey Ferguson Red	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), Matte Black (MBKSG), Orange (OSG), John Deere® Green (JDSG), Green (GSG), White (WSG), 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-GYP-20L	Grey	20 Litres
CT-ROP-400	Red	400g Aerosol
CT-ROP-1L	Red	1 Litre
CT-ROP-4L	Red	4 Litres
CT-ROP-20L	Red	20 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-R88-5L	5 Litres
CT-R88-20L	20 Litres



DEOX R1™ MULTI-PURPOSE LUBRICANT



✓ High quality, superior ingredients and refined mineral oils.

Fast penetration. Displaces water and repels moisture. Dissolves grease and cleans most metal surfaces.

Leaves a light surface film behind to prevent corrosion.

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

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

Great Australian made product.

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

DEOX R56 INDUSTRIAL SUPER LUBRICANT

Ultimate solution for optimising performance - even in challenging conditions. Beneficial in industrial environments where exposure to moisture, chemicals, and harsh conditions is common.

Free of silicone. Contains advanced lubricating additives for unparalleled protection. Allows for smooth operation of moving parts. Offers long-term lubrication and reduction of friction and wear.

Quickly penetrates tight spaces, crevices, and hard to reach areas. Stops squeaks and loosens rusted parts. Displaces moisture and contaminants. Contains corrosion inhibitors to extend service life.

Preserves hand tools. Protects operating controls, electrical wiring, and more.

PART NO.	SIZE
CT-R56-400	400g Aerosol
CT-R56-5L	5 Litres
CT-R56-20L	20 Litres



Comes equipped with an Accu-Jet valve and extension tube for dispensing precision and controlled accuracy.

DEOX R44 SOLVENT-FREE 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.

Superior corrosion protection. Rust proofs equipment or parts in storage.

Seals against moisture and water intrusion. Clings to most surfaces in wet or dry conditions.

Great Australian made product.

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

DEOX R2L AIR TOOL LUBRICANT



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

Non-Foaming. Pleasant smelling.

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

✓ NON-FLAMMABLE FORMULA

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

✓ FREE OF SILICONE

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

FLUXES

HIGH ACTIVITY FLUX

VIOFLUX HIGH ACTIVITY LIQUID FLUX

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-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
- Nickel
- Brass
- Copper
- Stainless Steel
- Monel
- Monel
- Ferrous & High-Chrome Alloys



VIOFLUX HIGH ACTIVITY FLUX GEL

High viscosity and creamy texture.
Compatible with all lead-free and common soft solders.
Holds its form and stays in place while soldering. Promotes excellent solderability.

Specifically designed for use on copper, brass, tin and lead.

Post-soldering residues can be easily wiped clean.

PART NO.	TYPE	SIZE
CT-VFP-150	Paste-like Gel	150 grams



SOLDERING

SOLDER WIRE

LEADED: SN63/PB37

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.

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



SOLDER STICKS

LEADED: VARIOUS

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	230°C	1 Kilogram
CT-6040ST	SN60/PB40	190°C	1 Kilogram
CT-5050ST	SN50/PB50	214°C	1 Kilogram

WELD CLEANING

WELD BRUSH COMPATIBLE SOLUTIONS

CHEMIG™ 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

Now specially formulated for more demanding applications.



USE IN CONJUNCTION WITH ALL BRANDS OF WELD BRUSH CLEANERS

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



CORROSION CLEANING

METAL PREPARATION TREATMENTS

NEW LOOK LOGO!
APPEARING SOON ON ALL CORROFIX™ CORROSION CLEANING PRODUCTS



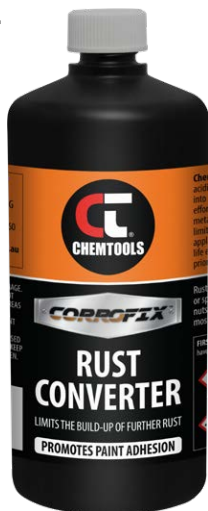
CORROFIX™ RUST CONVERTER

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™ 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™ 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

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™ PROFESSIONAL STAINLESS STEEL CLEANER

Non-abrasive, streak-free degreaser.

Safe on all polished metals. Produces a metallurgically clean and bright surface.

Protects surfaces after cleaning.

Creates a barrier to seal out contaminants and soils during transport or storage.

Removes dirt, grime, fingerprints, baked-on food, watermarks, and more.

Ideal for industrial parts and tools.

Suitable for use on domestic appliances.



PART NO.	SIZE
CT-SSP-300	300g Aerosol - NEW SIZE!
CT-SSP-750ML	750ml Trigger Spray
CT-SSP-1L	1 Litre
CT-SSP-5L	5 Litres
CT-SSP-20L	20 Litres

CORROFIX™ FOOD SAFE 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.

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



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

METAL CLEANING

SURFACE DEGREASING

GALMAX™ WAX & GREASE REMOVER

Heavy duty surface preparation treatment.

Fast drying. Leaves absolutely no residue.

Contains a blend of aliphatic solvents.

Penetrates to dissolve anti-spatter residues and most surface contaminants.

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

ALSO DISSOLVES: Wax Oil Grease
 Tar Glue Grime Silicone



PART NO.	SIZE
CT-WGR-300	300g Aerosol - NEW SIZE!

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.

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.

DETECTING DEVELOPER

Reveals microscopic cracks and non-visible fractures and flaws.

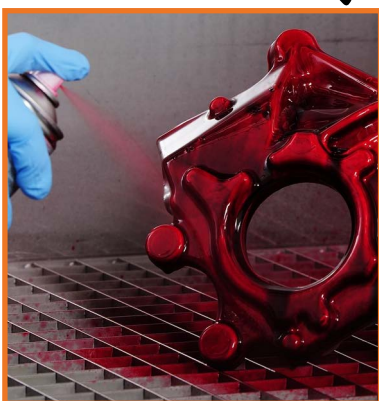
Consists of a white powder suspended in solvents.

Pulls the entrapped penetrant to the surface by capillary action.

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

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

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

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

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.

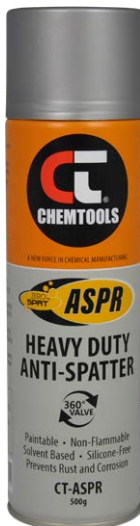
Can be used for MIG/MAG welding, manual, automatic, and robotic applications.

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-WCFF). Turn to Page 9 for more product information.

INDUSTRIAL CLEANER & DEGREASER

Ready-to-use highly effective heavy duty cleaner.

For tough cleaning jobs. Provides a fast-acting, thorough clean with very little effort involved.

- ✓ Solvent-free
- ✓ Non-toxic
- ✓ Biodegradable



✓ NON-FLAMMABLE FORMULA

Superior all-purpose degreasing for most workshop, machinery, and domestic applications. Ideal for concrete and asphalt floors, tools, benches, and heavy equipment.

Removes most greases, petroleum oils, fatty oils, tar, carbon, diesel, and organic soils with ease.

Suitable and safe for any surface.

Can be sprayed, wiped, or hosed on. Works extremely well as an immersion cleaner. Also available as a concentrate:

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

INDUSTRIAL CLEANER & DEGREASER - CONCENTRATE

Same great industrial cleaner in concentrated form.

Dilute 1:1
Heavy industrial deposits

Dilute 1:10
Hard floors, medium grease/oil

Dilute 1:50
Windows, tiles, light soils

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



MULTI-INDUSTRY HEAVY DUTY METAL DEGREASER

Non-chlorinated. Maximum cleaning without parts disassembly.

Fast evaporation with no residues.

Rapidly penetrates and flushes away grease, oil, grime, and hardened deposits.

Allows significant improvement in the efficiency of moving components and mechanical assemblies. Eliminates squeaks and other operating noises.

Safe on all metals and most plastics.



PART NO.	SIZE
CT-BC-500	345g (500ml) Aerosol
CT-BC-20L	20 Litres
CT-BC-200L	200 Litres

SURFACE WIPES

LINT FREE WIPES

High strength, highly absorbant, and completely sterile. **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.

Pack contains 100 wipes.



Close up of high strength fibres

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

DELICATE TASK WIPES

Light duty single ply wipes.

High strength when wet or dry.

Static neutral when used with liquids - dust will not cling.

Ultra low linting and scratch-free.

Ideal for sensitive parts and equipment.

Compatible with many liquids and solvents.

Box contains 280 wipes.



PART NO.	SHEET SIZE	MATERIAL
CT-LFW-280-30	20cm x 11cm	Recycled and virgin wood fibres

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-750ML	750ml 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.

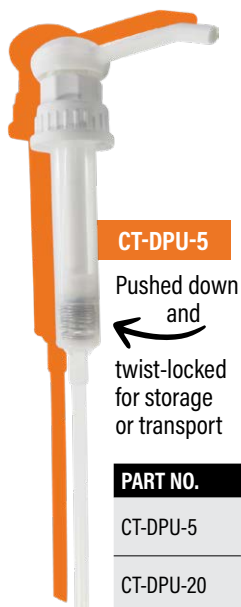
Durable and sturdy for use in commercial or industrial environments.

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

Coated with a heat resistant silicone adhesive - will not lose its bond under any circumstance. Thin, reliable, and highly conformable. Enables the masking of uneven surfaces. Remains flexible.

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

Superior resistance to punctures and tears. High chemical resistance and excellent insulation properties.

Insulates capacitors, transformers, coils, and magnetic wires.

Wraps sensors, diaphragms, and switches.



PART NO.	TAPE WIDTH	ROLLS PER PACK
KT-2304-BL8	4mm	8
KT-2306-BL6	6mm	6
KT-2308-BL4	8mm	4
KT-2310-BL3	10mm	3
KT-2312-BL3	12mm	3
KT-2316-BL2	16mm	2
KT-2324-BL1	24mm	Single Pack
KT-2336-BL1	36mm	Single Pack

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

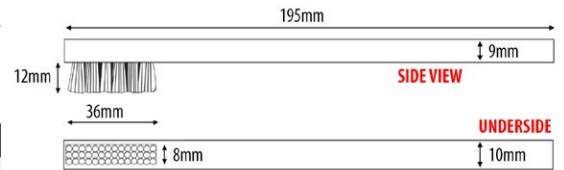
3 rows of stiff hog hair bristles.

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



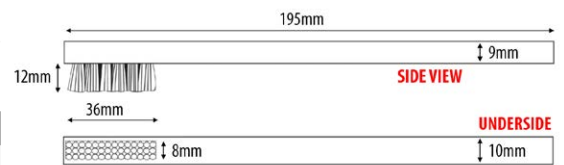
SOFT BRASS STEEL BRUSH

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

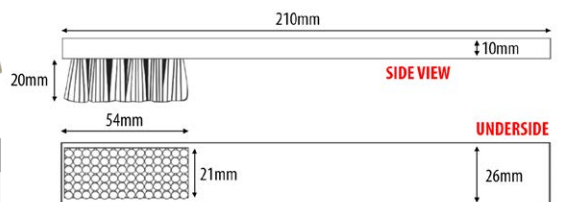
Multiple rows of hog hair on an extra large brush base.

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.

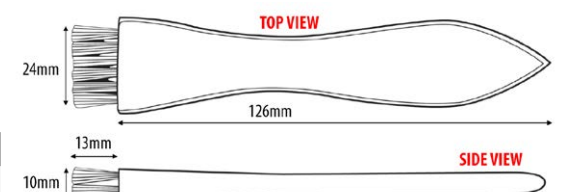
Double row of hog hair bristles.

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



NOTES



NOTES



WELDING & METAL TREATMENT

2023 - 2024
CATALOGUE



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