

# METAL TREATMENT RANGE



**orlichem<sup>®</sup> 15**

REAL CHEMICAL SOLUTIONS

*Years*  
DEDICATED SERVICE  
SINCE 2008

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PLEASE NOTE: You may request TDS & SDS from [www.orlichem.co.za/contact](http://www.orlichem.co.za/contact)



# METAL TREATMENT INDUSTRY

Welcome to Orlichem, a trusted chemical cleaning manufacturer catering to the metal treatment industry. Our industrial division specializes in providing high-quality products and innovative solutions that address the unique needs of metal treatment processes. With our comprehensive range of solutions, we aim to enhance metal performance, protect against corrosion, and ensure optimal surface preparation.

## ABOUT US

Our ethos is straightforward: to promptly offer efficient chemical solutions that elevate your operations and profitability.

Orlichem is a pioneering leader in the chemical cleaning industry. Since our inception in 2008, we have been at the forefront of delivering innovative and flexible chemical solutions tailored to address the unique challenges faced by various industries. Our reputation as a forward-thinking entity is built on our unwavering commitment to our clients, ensuring they receive unparalleled service throughout all facets of their business.

At Orlichem, we pride ourselves on being more than just a chemical manufacturer and supplier. We are your strategic partner in redefining cleaning standards across diverse sectors, including engineering, marine, hospitality, CIP and laundry.

Positioned as a medium-sized, privately-owned entity with specialized production and R&D capabilities, Orlichem stands out in the chemical manufacturing landscape. Our dedication goes beyond providing products; we offer technical expertise, regular on-site consultations, tailored training, and innovative solutions to your cleaning challenges.

With Orlichem by your side, envision a future marked by seamless operations, pristine environments, and unwavering excellence. We are not just your supplier; we are your partner in crafting success and shaping a brighter, cleaner tomorrow.

**Ryszard Orlik**

Managing Director



# ALUMINIUM AND ALLOYS

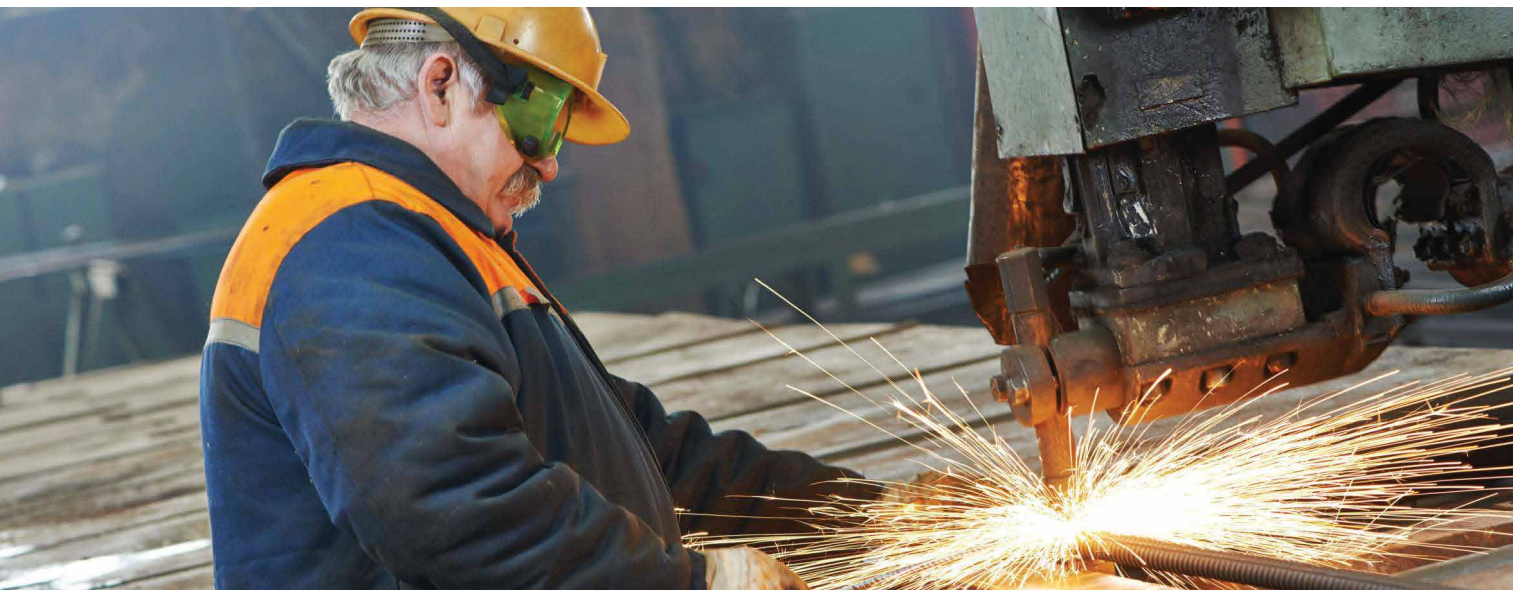
Cleaning, etching, decarbonizing, and brightening are chemical treatments used for aluminium and its alloys. Cleaning removes surface contaminants, etching selectively removes material, decarbonizing eliminates carbon deposits, and brightening creates a smooth, shiny finish. These processes enhance the appearance and prepare the surface for further treatment or use.

## ALUCLEAN

UN2922

Heavy duty aluminium and stainless steel cleaner. Removes oxidation and enhances brightness.

5LT, 25LT, 200LT, 1000LT



## WIPE OUT

UN1760

SANS1828

Eco-friendly, versatile, low-foam alkali degreaser with corrosion inhibitors for any equipment and surfaces. Non-corrosive.

5LT, 25LT, 200LT, 1000LT

## DE-CARBONISER

Effortless immersion solution removes oil, carbon and paint from engine parts.

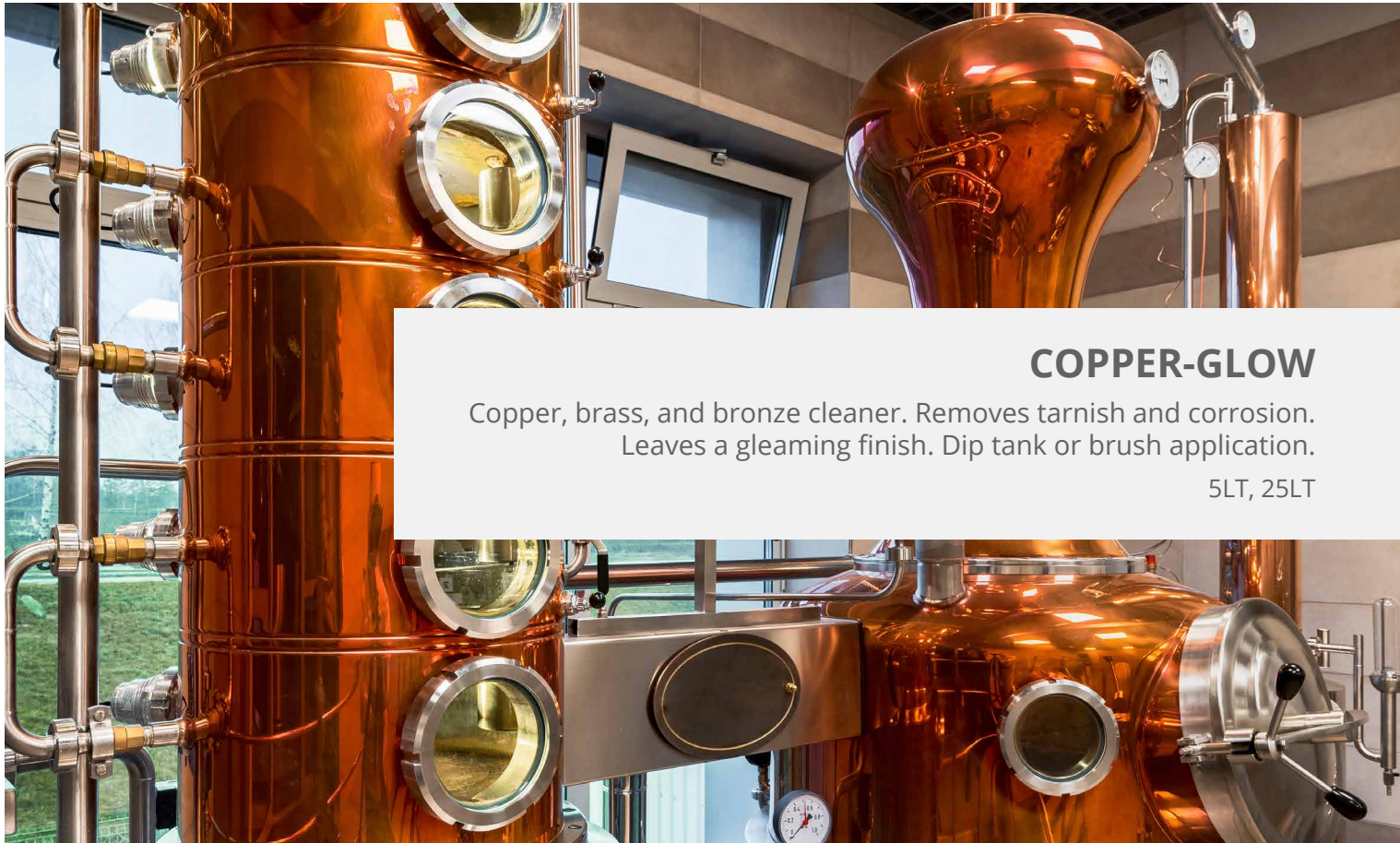
5LT, 25LT

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# COPPER

Chemical methods for cleaning and removing copper oxides involve using acid-based solutions. These solutions react with the oxides, dissolving them and leaving behind a clean copper surface. Proper safety precautions should be followed when handling these chemicals.



## COPPER-GLOW

Copper, brass, and bronze cleaner. Removes tarnish and corrosion. Leaves a gleaming finish. Dip tank or brush application.

5LT, 25LT

# GALVANISING-ZINC

Cleaning, oxide removal, and passivation of galvanized surfaces involve specific chemical treatments. Cleaning removes dirt and contaminants, oxide removal eliminates surface oxidation, and passivation forms a protective layer to enhance corrosion resistance. These processes are crucial for maintaining galvanized products' durability and performance and preparing the surface for additional coatings like paint and powder coating.

## GALVANISING-ZINC

Prime galvanized surfaces for paint adhesion. Wet, wait, paint.

5LT, 25LT



# STAINLESS STEEL

Pickling and passivation processes are crucial for preparing metal surfaces, removing impurities, and enhancing corrosion resistance. Our pickling solutions effectively remove scales, rust, and surface contaminants from metal substrates and welds. This prepares the metal for subsequent treatment, such as plating or coating. Our passivation solutions create a protective layer on metal surfaces, enhancing their corrosion resistance and ensuring long-lasting performance. Trust our pickling and passivation solutions to optimize the quality and longevity of your metal products.

## PRO 41

UN1805

SANS1828

Highly concentrated, food approved, acid and detergent based stainless steel cleaner and brightener. Combats discoloration, leaving surfaces passivated and clean.

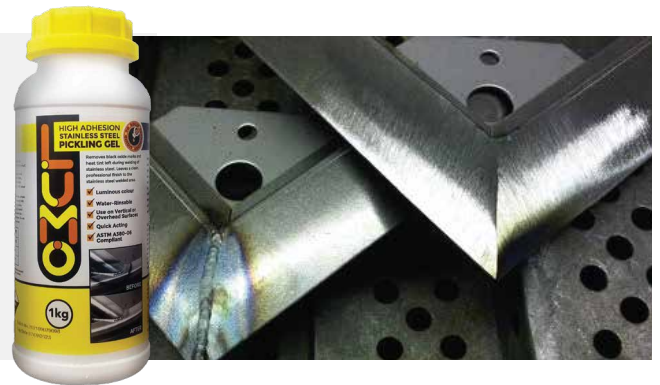
5LT, 25LT

## LUMO GEL

UN2922

Non-staining, stainless steel pickling gel that removes marks and heat tint. Quick, water-rinseable formula. Complies with ASTM A380-06.

1KG



## HB 50

UN2922

Heavy duty, passivation product that removes iron and safeguards stainless steel. Ideal for 316/304.

5LT, 25LT

## WIPE OUT

UN1760

Eco-friendly, versatile, low-foam alkali degreaser with corrosion inhibitors for any equipment and surfaces. Non-corrosive.

5LT, 25LT, 200LT, 1000LT

## SYSTEM 200

Acidic metal conditioner with detergents to remove stains, prevent discoloration and maintain shine on stainless steel. Helps passivation.

5LT, 25LT, 200LT, 1000LT

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# STEEL

Chemical cleaning and derusting involve using chemical solutions to remove dirt, grease, and rust from steel surfaces. The chemicals dissolve contaminants, leaving a clean, corrosion-free surface.

These processes are effective for large-scale industrial cleaning and restoration projects and are often followed by protective coatings to prevent future corrosion.

## WIPE OUT

UN1760

SANS1828

Eco-friendly, versatile, low-foam alkali degreaser with corrosion inhibitors for any equipment and surfaces. Non-corrosive.

5LT, 25LT, 200LT, 1000LT

## DEGRASOL

Solvent-based degreaser which eliminates tough oil, grease and mineral deposits via spray, brush or immersion.

5LT, 25LT, 200LT

## COLD SOAK

UN1805

A potent carbon and paint remover for metal parts ensuring safety on all types of metal. Efficient soak tank application.

25LT, 200LT, 1000LT

## RUST REMOVER HD

UN1805

Powerful acid-based descaler for industrial use. Eradicates rust, stains, and oxidation.

5LT, 25LT, 200LT

## RUST CONVERTOR

UN1805

Concentrated rust converter for metallic surfaces. Prime before painting.

5LT, 25LT





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*Years*  
DEDICATED SERVICE  
SINCE 2008

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CONTRIBUTOR



**intertek**  
Total Quality. Assured.