

Degreasers • Pickling and Passivation Products • Cleaners • Antispatters • Non Destructive Testing (NDT) • Anticorrosive Coatings • Torch Coolants



WELDING CHEMICAL SPECIALISTS

# #POWER TO THE WELDER



[whalespray.com](http://whalespray.com)





New production plant WS - 2025

- 1** New laboratory equipped with cutting-edge technology.
- 2** Expansion of our production capacity to meet increased market demand.
- 3** Completely modernized production line to ensure greater efficiency and quality.
- 4** Upgrade of our logistics facilities with more than double the storage space.

Improving our processes and facilities on a daily basis  
in order to offer **#PowertotheWelder**



# WHALE SPRAY, POWER TO THE WELDER

Nowadays and after many years of evolution and innovation, the **Welding** sector has become a key piece of the network of gears that make up our world, becoming one of the main economic and productive sectors on a global level. It has so much importance that human beings could not conceive modern life if it was not thanks to **Welding**, and in our daily lives it is difficult to look around and see anything that does not contain some type of Welding.

This is why our objective is crystal clear: to provide all **Welders** with the appropriate products to carry out their work in the most **effective** and **safe** way possible.

At **Whale Spray**, we believe that there is no better way to recognize your work than by striving to **formulate, design, produce and deliver** to all corners of the world the most complete range of chemical solutions for **Welding**.

After more than **35 years of experience** in welding chemicals, **90 product references**, distribution in **75 countries** and **+1000 sales points**, we are very proud of the partnerships established with all our **distributors** whom we consider a vital part of **Team WS**. To all those who choose our products day after day, we guarantee to:

- ✓ Strengthen our R+D to create new solutions that cover emerging needs.
- ✓ Always have as a priority the highest standards of quality and efficiency in the manufacturing and performance of our products.
- ✓ Implement processes to reduce the carbon footprint, always taking the Environment into account.
- ✓ Continue innovating in design to generate functional and intuitive solutions.
- ✓ Keep on providing **Power to the Welders** anywhere in the world.

We invite you to be part of the **Team WS** and shape the future of Welding together.



# The only manufacturer that offers a full range of **chemical solutions** for **Welding World**



## INDEX

### Welding Processes Products

· Antispatters .....	6
· Non Destructive Testing (NDT) .....	10
· Anticorrosive Coatings .....	15
· Leak Detection and Thermal Protection .....	18
· Stainless Steel Degreasers .....	21
· Stainless Steel Pickling .....	21
· Stainless Steel Passivators .....	22
· Stainless Steel Restorers .....	23
· Stainless Steel Cleaners .....	24
· Electrochemical Cleaning Liquids .....	25
· Titanium Degreasers .....	26
· Titanium Pickling .....	26
· Aluminum Degreasers .....	26
· Copper Pickling .....	26

### Equipment Maintenance Products

· Torch Coolants .....	28
· Torch Maintenance .....	28
· Welding Screens Maintenance .....	29
· Machines and Equipment Maintenance .....	30
· Auxiliary production products .....	31

### Accessories

· Sprayers .....	34
· Brushes .....	34
· Plastic taps .....	34
· Exhibitors .....	34



## Antispatter WS 1805 S

**N°1 SALES  
WORLDWIDE**

**DEMO  
WS 1805 S**



**Welding  
Chemicals**

## ANTISPATTERS

**Antispatters prevent the adhesion of molten metal spatters generated during the welding process** to nearby surfaces and working gear such as tools or equipment.

During welding, especially in MIG/MAG processes, it is common for small drops of molten metal to adhere to nearby surfaces, which can cause different problems: from wasting time or economic resources with their elimination, to unprofessional finishes.

Antispatters act by forming a protective layer that prevents these metal particles from adhering, making them easier to clean later.

Antispatters improve the quality of the welding process, protecting both equipment and surfaces and aside from improving the work efficiency, becoming a very efficient way to optimize your time and reduce costs.

- ✓ **Protection of surfaces**, as it prevents spatters from adhering.
- ✓ **Facilitate cleaning**, because since the spatters do not adhere, they are easily removed.
- ✓ **Increase the durability of equipment and tools** by preventing spatters from damaging welding nozzles, clamps or any other component.
- ✓ **Improve the quality of the weld** by avoiding the accumulation of spatters in the areas where we weld, improving the final finish.
- ✓ **Safety** in the work environment by reducing the possibility of spatters causing accidents.



## ANTISPATTERS



### WS 1800 S

#### BIO Antispatter

A **biodegradable** oil-based aerosol that prevents spatters from adhering to metal surfaces during welding, laser and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- 100% spatter-free.

 12 x 400 ml **1800S0020**



### WS 1800 Gel

#### BIO Antispatter Non-flammable

**Biodegradable** oil-based gel that prevents welding torch nozzles from clogging.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

 24 x 453 g **1800L0020**



### WS 1800 G

#### BIO Antispatter Non-flammable

A **biodegradable** oil-based fluid that prevents spatter from adhering to metal surfaces during welding and laser and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

 4 x 5 L **1800G0013**

 25 L **1800G0024**

 200 L **1800G0016**



### WS 1801 S/Works

#### Non Flammable BIO Antispatter Non-flammable

**Non-flammable and biodegradable** aerosol based on a special oil that prevents spatter from sticking to metal surfaces during welding and laser and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

 12 x 400 ml **1801S0020**



### WS 1801 G/Works

#### Non Flammable BIO Antispatter Non-flammable

**Non-flammable and biodegradable** fluid based on a special oil that prevents spatter from sticking to metal surfaces during welding and laser and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

 4 x 5 L **1801G0011**

 10 L **1801G0006**

 25 L **1801G0024**

 200 L **1801G0016**





## ANTISPATTERS



### WS 1802 G Robotics Antispatter Non-flammable

Fluid based on a **100% synthetic** oil specially developed to prevent clogging of robotic welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

	6 x 1 L	1802G0004
	4 x 5 L	1802G0013
	25 L	1802G0024
	200 L	1802G0016



### WS 1805 S Ceramic Antispatter

High-quality, high-performance **ceramic-based** aerosol that prevents spatter from sticking to metal surfaces during welding, laser, and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- Protects for up to 8 hours.

	12 x 400 ml	1805S0020
---	-------------	-----------

N°  
**1**  
Sales  
worldwide



**100%  
spatter-free**

Protects up to  
**8h** with a  
single application

Increases  
productivity by  
**11%**

Reduces  
consumables  
consumption by  
**70%**





## ANTISPATTERS

# WS 1805 Gel Ceramic Antispatter

**Performs 8 times more**  
than any gel on the market.

**Protects**  
up to **8h**  
with a **single**  
application

**Reduces**  
consumable  
consumption  
by **70%**

**Increases**  
productivity  
by **11%**



### WS 1805 Gel

**Ceramic Antispatter**  **Non-flammable**

High-quality, high-performance **ceramic-based** gel that prevents spatter from sticking to welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- Protects for up to 8 hours.

 24 x 500 g

1805L0020



### WS 1805 G

**Ceramic Antispatter**

High-quality, high-performance **ceramic-based** fluid that prevents spatter from sticking to metal surfaces during welding and laser and plasma cutting. Prevents clogging of welding torch nozzles.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- Protects for up to 8 hours.

 1 x 5 L

1805G0011



### WS 1807 G/10 D

**Laser Welding Special Antispatter**  **Non-flammable**

**Non-flammable** fluid based on a special oil that prevents spatter from adhering to metal surfaces during the laser cutting process. It can be applied manually using a sprayer or using automatic dosing systems.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.

 25 L

1807G1024

## NON DESTRUCTIVE TESTING (NDT)

**Non Destructive Testing (NDT)** products, such as liquid penetrants and magnetic particles, are used in the inspection of welds and components to **detect surface or sub-surface defects** without damaging or alter the parts. These products guarantee the integrity of metallic structures and other materials, allowing the identification of failures or discontinuities that may compromise the quality or safety of the welds.

We group them into two types:

### Penetrating Liquids:

- ✓ They are used to detect cracks, pores and other open discontinuities on the surfaces both in metallic and non-metallic materials.
- ✓ The penetrating liquid is applied to the surface of the object and infiltrates any defects. After removing the excess, a developer is applied that highlights the areas where the penetrant has become trapped, allowing clear visual inspection of defects.
- ✓ It is widely used in welding, casting, machined parts and precision components.

### Magnetic Particles:

- ✓ Detection of surface and sub-surface defects since they contain magnetic particles that allow the detection of cracks and discontinuities in ferromagnetic materials.
- ✓ The part to be inspected is magnetized, and the magnetic particles suspended in the aerosol are applied to the surface, these accumulate in the areas of discontinuity, making any defect visible under visible or fluorescent light.
- ✓ Ideal for inspections of welds, forgings and steel components in sectors such as automotive, construction and aeronautics.

NDT aerosols are of vital importance when it comes to guaranteeing the integrity of any part, so that incidents are prevented in the future.

**Selecting the appropriate Test method depends on several factors:**

# 1

#### **Welding joint material:**

Some methods are specific for ferromagnetic or conductive materials.

# 2

#### **Expected defect type:**

Some methods are better at detecting surface defects, while others are more suitable for internal defects.

# 3

#### **Weld accessibility:**

The shape and access to the area to be inspected may limit testing options.

# 4

#### **Precision and detail requirements:**

Depending on the criticality of the application, more detailed and precise methods may be required.



## NON DESTRUCTIVE TESTING (NDT)



### WS 1820 S Crack 1 | Red Penetrant

Red penetrant aerosol formulated for NDT, meeting **ASTM E-165** specifications. It locates discontinuities, pores, and cracks using a simple three-step process. It is used in conjunction with WS 1821 S Crack 2 and WS 3050 S Crack 3.

 12 x 400 ml **1820S0020**



### WS 1820 G Crack 1 | Red Penetrant Non-flammable

Red penetrant liquid formulated for NDT, meeting **ASTM E-165** specifications. It locates discontinuities, pores, and cracks using a simple three-step process. It is used in conjunction with WS 1821 G Crack 2 and WS 3050 G Crack 3.

 1 x 5 L **1820G0011**



### WS 1821 S Crack 2 | White Developer

White developer aerosol formulated for NDT, meeting **ASTM E-165** specifications. It locates discontinuities, pores, and cracks using a simple three-step process. It is used in conjunction with WS 1820 S Crack 1 and WS 3050 S Crack 3.

 12 x 400 ml **1821S0020**



### WS 1821 G Crack 2 | White Developer

White developer liquid formulated for NDT, meeting **ASTM E-165** specifications. It locates discontinuities, pores, and cracks using a simple three-step process. It is used in conjunction with WS 1820 G Crack 1 and WS 3050 G Crack 3.

 1 x 5 L **1821G0011**



### WS 3050 S Crack 3 | NDT Cleaner

Aerosol remover, formulated for NDT, meeting **ASTM E-165** specifications. Effectively removes dirt residues that could interfere with the NDT process.

 12 x 400 ml **3050S0021**



### WS 3050 G Crack 3 | NDT Cleaner

Liquid remover, formulated for NDT, meeting **ASTM E-165** specifications. Effectively removes dirt residues that could interfere with the NDT process.

 1 x 5 L **3050G0011**

# NON DESTRUCTIVE TESTING (NDT)

4 pcs. box 1819S0113



**WS 1819  
WS NDT KIT**

Kit containing three aerosols for NDT using penetrant liquids, meeting **ASTM E-165** specifications.

- WS 1820 S - Crack 1 - Red Penetrant
- WS 1821 S - Crack 2 - White Developer
- WS 3050 S - Crack 3 - NDT Cleaner



Crack 1 · WS 1820 S  
Red Penetrant



Crack 2 · WS 1821 S  
White Developer



Crack 3 · WS 3050 S  
NDT Cleaner



## NON DESTRUCTIVE TESTING (NDT)



### WS 1825 S

#### Crack 4 | Black Magnetic Particles

Black magnetic particle aerosol for application to ferritic welded parts to detect a discontinuity in the magnetic field, thereby locating the crack in the part. Due to the very small size of the particles and the magnetic fields, it allows for highly accurate detection of defects.



12 x 400 ml

1825S0020



### WS 1826 S

#### Crack 5 | Contrast Lacquer

Contrast lacquer aerosol that is applied to a dark surface, turning it white to provide greater contrast when applying the WS 1825 S Crack 4 Black Magnetic Particles product, while performing NDT crack detection using a magnetic field.



12 x 400 ml

1826S0020



ASTM  
E-709

BS  
4069

ASTM  
E-1444

MIL-STD  
271

ASME  
SEC V  
Art 7.

MIL-STD  
1949

ISO  
9934

ASM  
3042

ISO  
10893-5

DIN  
54132

NAVSEA  
250-1500-1

## NON DESTRUCTIVE TESTING (NDT)



### WS 1827 S

#### Crack 6 | Fluorescent Magnetic Particles

Fluorescent particle aerosol for application to a part undergoing NDT using a magnetic field and ultraviolet light. Due to the small size of the particles and UV light, the detection capacity is high. The particles are concentrated in the crack by interrupting the magnetic field and are readily visible under UV light.

 12 x 400 ml

1827S0020



### WS 1827 G

#### Crack 6 | Fluorescent Magnetic Particles Non-flammable

Fluorescent particle liquid for application to a part undergoing NDT using a magnetic field and ultraviolet light. Due to the small size of the particles and UV light, the detection capacity is high. The particles are concentrated in the crack by interrupting the magnetic field and are readily visible under UV light.

 4 x 5 L

1827G0013

ASTM  
E-709

ASTM  
E-1444

ASME  
SEC V  
Art 7.

ISO  
9934

ISO  
10893-5

DIN  
54132

NAVSEA  
250-1500-1

BS  
4069

MIL-STD  
271

MIL-STD  
1949

ASM  
3042



## ANTICORROSIVE COATINGS

**Anticorrosive coating sprays** have the main function of protecting metal surfaces **against corrosion and deterioration** caused by exposure to environmental factors such as humidity, oxygen, chemicals or salinity. These sprays create a protective layer that acts as a barrier, preventing corrosive elements from coming into direct contact with the metal, thus prolonging its useful life and maintaining its appearance and functionality.

- ✓ **Protection against corrosion** by forming a layer that protects metal surfaces against oxidation and other types of corrosion.
- ✓ **Prevention of structural damage** by avoiding corrosion, the risk of metal parts losing structural integrity is reduced.
- ✓ **Ease of quick and uniform application**, allowing you to cover large or small areas with precision.
- ✓ **Resistance to chemicals and weather conditions** such as extreme temperature variations, rain and ultraviolet light.
- ✓ **Aesthetic improvement** of the appearance of surfaces, giving them a glossy or matte finish depending on the formulation.

They are widely used in preventive maintenance processes, coating of equipment, pipes, metal structures, and in industries such as automotive, shipbuilding, and machinery manufacturing.



## ANTICORROSIVE COATINGS



### **WS 1544 S** **ZINC Pure Matt**

Epoxy-based anticorrosive spray with 97% Pure Zinc in the dry film. Excellent resistance to corrosion and rust. Excellent adhesion and drying time.

- Saline mist test resistance up to 3000 hours.
- Withstands temperatures up to 350°C.

 12 x 400 ml **1544S0020**



### **WS 1545 S** **ZINC Bright**

Zinc + Aluminium particles anticorrosive spray, which combines the protective properties of zinc against corrosion with a glossy finish. Excellent adhesion and fast drying.

- Saline mist test resistance up to 200 hours.
- Withstands temperatures up to 350°C.

 12 x 400 ml **1545S0020**



### **WS 1547 S** **ZINC 99,99% Bright**

Anticorrosive spray with pure zinc particles, which combines the protective properties of zinc against corrosion with a glossy finish. Excellent adhesion and fast drying.

- Saline mist test resistance up to 300 hours.
- Withstands temperatures up to 350°C.

 12 x 400 ml **1547S0020**



## ANTICORROSIVE COATINGS



 12 x 400 ml 1548S0020



### WS 1548 S INOX Matt

Anticorrosive aerosol containing **ASTM 316** stainless steel particles (17% Cr; 13% Ni; 2.25% Mo; 67.75% Fe), combining corrosion protection properties with a matte finish. Excellent adhesion and fast drying.

- Saline mist test resistance up to 200 hours.
- Withstands temperatures up to 300°C.

 12 x 400 ml 1549S0020



### WS 1549 S INOX Bright

Anticorrosive aerosol containing **ASTM 316** stainless steel particles (17% Cr; 13% Ni; 2.25% Mo; 67.75% Fe), combining corrosion protection properties with a glossy finish. Excellent adhesion and fast drying.

- Saline mist test resistance up to 200 hours.
- Withstands temperatures up to 300°C.

## LEAK DETECTION



### WS 1822 S Leak Detector



Water-based aerosol containing surfactants, anti-corrosives, and stabilizers.

Detects gas leaks and pressure losses in pipes and pressurized systems through the appearance of a clearly visible bubble.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- Non-flammable.

 12 x 400 ml 1822S0020



### WS 1822 G Leak Detector

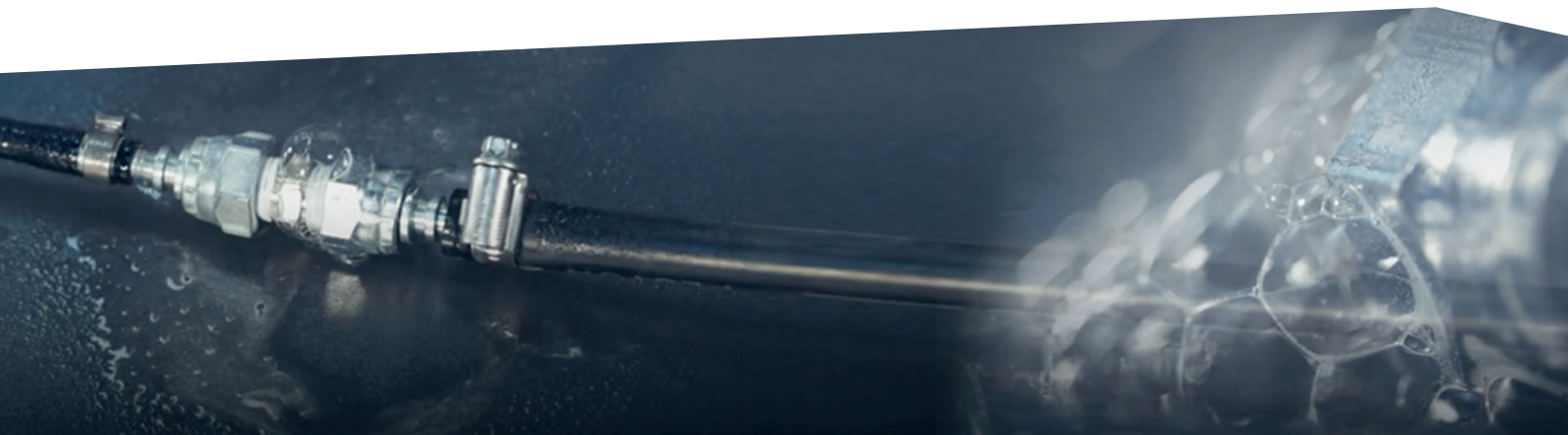


Water-based liquid containing surfactants, anti-corrosives, and stabilizers.

Detects gas leaks and pressure losses in pipes and pressurized systems through the appearance of a clearly visible bubble.

- Silicone-free, compatible with painting processes.
- 0% harmful substances.
- Non-flammable.

 25 L 1822G0024



## THERMAL PROTECTION



### WS 3920 G Thermal Protection Gel

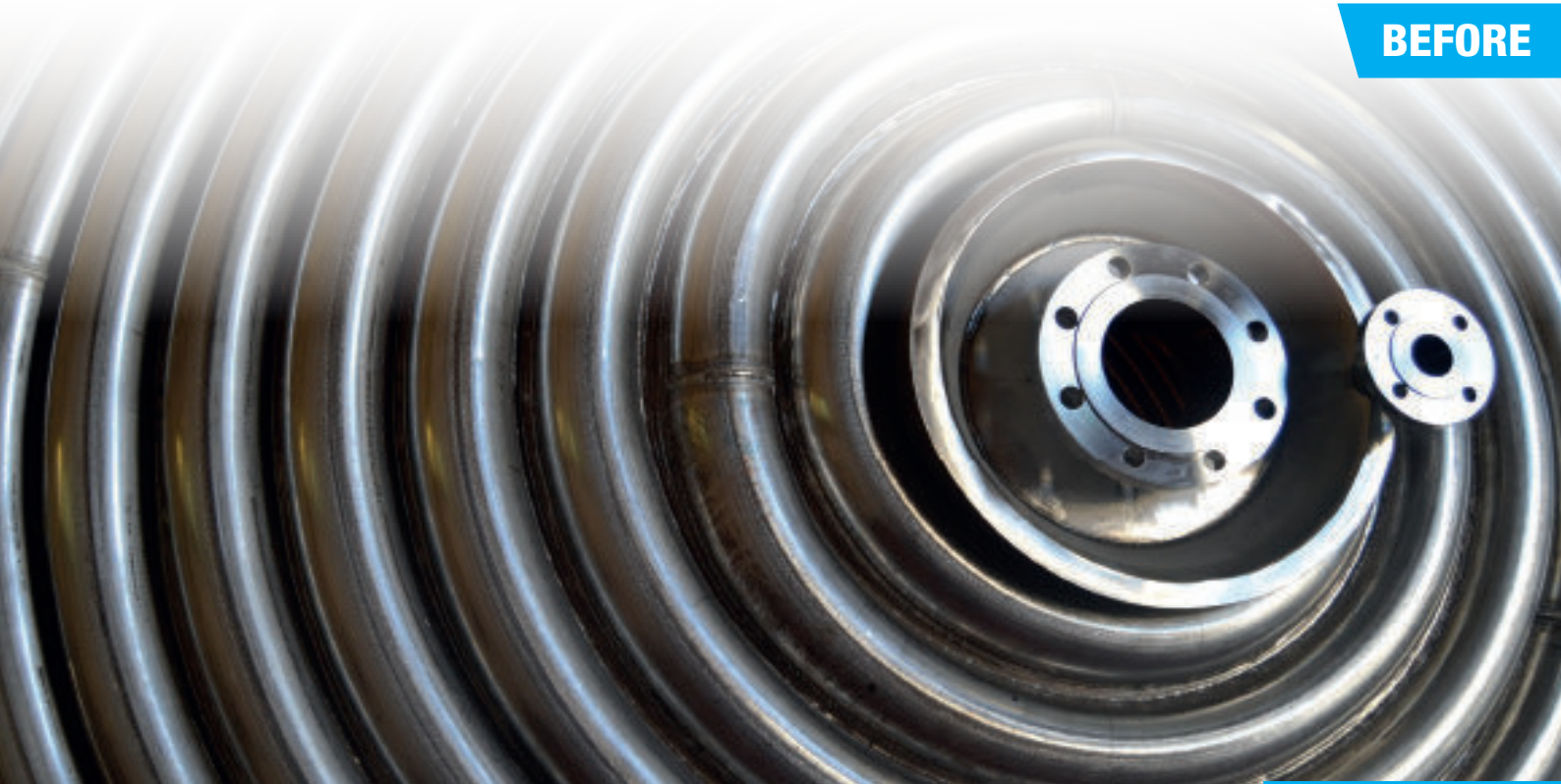


Special gel for protecting surfaces and components from the effects of heat and flames during all welding processes. Protects surfaces even from flames.

 8 x 500 ml 3920G0020



**BEFORE**



**AFTER**



# Surface treatments

## SURFACE TREATMENTS

**Chemical products for the treatment of surfaces** of materials such as stainless steel, titanium, aluminum and copper have the main function of **preparing, cleaning, protecting and improving** the properties of these surfaces, either by optimizing their performance, prolonging their useful life or improving their aesthetic appearance. These treatments are essential in industrial applications to improve the physical, chemical or aesthetic properties of the materials.

### DEGREASING

**Degreasing** removes oils, greases, dust and other contaminants from the metal surface, preparing it for subsequent treatments. It is very important in order to avoid setbacks in other processes.

### PICKLING

**Pickling** removes surface oxides, improves the appearance of the metal and prepares the surface for other treatments such as passivation. In the case of stainless steels, pickling ensures the removal of the damaged chromium oxide layer, exposing a new layer for passivation.

### PASSIVATION

The **passivation** process involves the application of chemicals to create a protective oxide layer on the surface of metals such as stainless steel, titanium and aluminum. This layer increases corrosion resistance by forming a barrier that prevents oxidation.

### ELECTROPOLISHING

**Electropolishing** is a chemical process that smoothes and improves the surface quality of metals through the controlled removal of surface material, resulting in a smooth, shiny surface.

It is of vital importance to carry out the complete surface treatment processes, since skipping steps could lead to serious problems or post-treatment incidents.







## STAINLESS STEEL DEGREASERS






### WS 3616 G Degreaser and Rust Remover for Stainless Steel

 **Non-flammable**  **Non-toxic**

Product specially designed for degreasing and deoxidizing stainless steel and its alloys. Removes all types of organic residue from the surface. Highly effective for degreasing prior to the pickling and passivation process of stainless steel.

	8 x 500 ml	3616G0020
	4 x 6 Kg	3616G0005
	30 Kg	3616G0014
	250 Kg	3616G0016

-  Spraying
-  Immersion
-  Recirculation

## STAINLESS STEEL PICKLING



### WS 3610 Gel Welding Beads Pickling Gel

**Red** pickling gel for **brush** application. Removes blackening from weld seams in areas affected by the heat of the electric arc, as well as oxide stains on stainless steels and their alloys. Leaves a uniform finish and a glossy satin appearance. Removes all potential signs of ferritic corrosion, external rust, reduced chromium layers and abrasions.

	6 x 1,2 Kg	3610G0004
	4 x 2 Kg	3610G0079

-  Brush



### WS 3613 G Liquid Pickling Liquid for Immersion

Pickling liquid for **immersion** application. Removes blackening from weld seams in areas affected by the heat of the electric arc, as well as oxide stains on stainless steels and their alloys. Leaves a uniform finish and a glossy satin appearance. Removes all potential signs of ferritic corrosion, external rust, reduced chromium layers and abrasions.

	30 Kg	3613G0015
	220 Kg	3613G0016
	1000 Kg	3613G0017

-  Immersion
-  Recirculation

## STAINLESS STEEL PICKLING



### WS 3627 G Spray Pickling Gel for Spraying

Red pickling gel for **spray** application. Removes blackening from weld seams in areas affected by the heat of the electric arc, as well as oxide stains on stainless steels and their alloys. Leaves a uniform finish and a glossy satin appearance. Removes all potential signs of ferritic corrosion, external rust, reduced chromium layers, and abrasions.

	30 Kg	3627G0014
	220 Kg	3627G0016
	1100 Kg	3627G0017



## STAINLESS STEEL PASSIVATORS



### WS 3633 G Liquid Passivation Liquid for Immersion

Passivating liquid for **immersion** application. It quickly and evenly restores the passive layer across the entire surface of stainless steels and their alloys. It is highly effective, restoring 100% of the surface's corrosion resistance.

	30 Kg	3633G0014
	1000 Kg	3633G0017



### WS 3634 G Spray Passivation Gel for Spraying Non-toxic

Passivating gel for **spray** application. Restores the passive layer quickly and evenly across the entire surface of stainless steel and its alloys. Its formula does not contain nitric acid, making it harmless to the operator. It is highly effective, restoring 100% of the surface's corrosion resistance.

	30 Kg	3634G0014
--	-------	-----------



## STAINLESS STEEL PASSIVATORS



### WS 3634 Gel

#### Welding Beads Passivation Gel *Non-toxic*

Passivating gel for **brush** application. Restores the passive layer quickly and evenly across the entire surface of stainless steel and its alloys. Its formula does not contain nitric acid, making it harmless to the operator. It is highly effective, restoring 100% of the surface's corrosion resistance.

 6 x 1 Kg

3634G0004



### WS 3644 G

#### Biodegradable Passivation Liquid *Non-toxic*

Free of nitric acid passivating liquid for passivating austenitic and ferritic stainless steels. It is highly effective, restoring 100% of surface corrosion resistance. Rinse water treatment is not required.

 30 Kg

3644G0014



## STAINLESS STEEL RESTORERS



### WS 3622 G

#### Stainless Steel Restorer *Non-flammable* *Non-toxic*

Liquid that restores stainless steel surfaces damaged by rust, limescale or other environmental factors, plus leaving a long-lasting protective layer. WS 3622 G deeply cleans the stainless steel, restoring its original surface finish and significantly increasing its corrosion resistance.

 8 x 500 ml

3622G0020

 6 x 1 L

3622G0010

 30 Kg

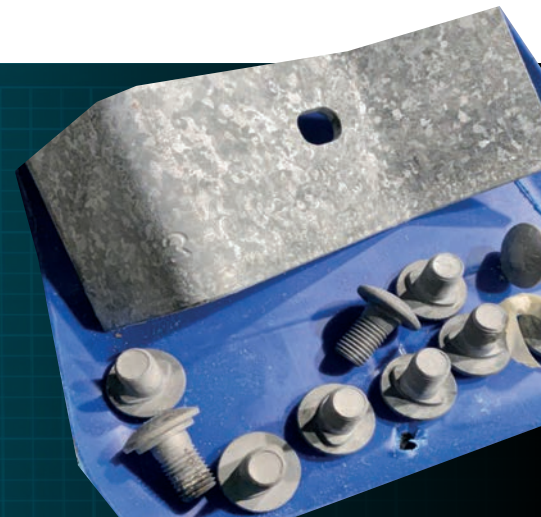
3622G0014



Before



After



## STAINLESS STEEL CLEANERS



### WS 3040 S Ink Remover

Fast evaporating, non-chlorinated cleaner, specially formulated for cleaning stainless steel surfaces, effective in removing inks, paints, adhesive residues and uncured polyurethane foams.

 12 x 400 ml **3040S0020**



### WS 3077 S Inox Clean

Cleaning foam aerosol that polishes and protects stainless steel surfaces. It leaves an invisible film that prevents the reappearance of fingerprints and marks. It minimizes the need to clean decorative stainless steel, especially when handling it.

 12 x 400 ml **3077S0020**



### WS 3077 G Non-flammable Inox Clean

Cleaner that polishes and protects stainless steel surfaces. It leaves an invisible film that prevents the reappearance of fingerprints and marks. It minimizes the need to clean decorative stainless steel, especially when handling it.

 12 x 1 L **3077G0010**

 4 x 5 L **3077G0011**

 25 L **3077G0024**



## ELECTROCHEMICAL CLEANING LIQUIDS

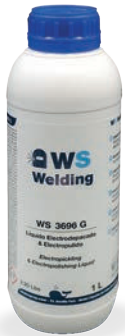


 6 x 1 L

3695G0090

**WS 3695 G**  
**Electropickling**  *Non-toxic*

Liquid for electrochemical cleaning of TIG weld seams.  
 Removes blackening from the weld seam and areas affected by the heat of the electric arc.



 6 x 1 L

3696G0090

**WS 3696 G**  
**Electropickling & Electropolishing**  *Non-toxic*

Liquid for electrochemical cleaning of TIG and MIG/MAG weld seams.  
 Removes blackening from the weld seam and areas affected by the heat of the electric arc. It can also be used for polishing, which will restore shine to the stainless steel surfaces.

1/ Application



2/ Rinse



3/ Result



 6 x 1 L

3697G0090

**WS 3697 G**  
**Electropolishing**  *Non-toxic*

Liquid for electrochemical polishing of TIG and MIG/MAG welding beads.  
 Restores shine to the weld seam and areas affected by the heat of the electric arc.



 6 x 1 L

3698G0090

**WS 3698 G**  
**Neutralizer Acid**  *Non-toxic*

Liquid for neutralizing acids used for pickling and passivating stainless steel surfaces. Apply to all areas where acids have been previously applied to neutralize residues and prevent corrosion risks.

## TITANIUM DEGREASERS



**WS 3680 G**  
**Titanium Degreaser**

**Non-flammable** **Non-toxic**

Product specifically designed for degreasing titanium. Removes all types of organic residue from the surface. Highly effective for degreasing prior to the pickling process. Thanks to its near-neutral pH, it does not attack metals.



Spraying

30 Kg

3680G0014



Immersion



Recirculation

## TITANIUM PICKLING



**WS 3682 G Spray**  
**Titanium Pickling Gel for Spraying**

Titanium pickling gel for **sprayer**. Removes blackening from weld beads in areas affected by the heat of the electric arc, as well as oxide stains. Leaves a uniform finish and a glossy, satiny appearance.



Spraying

30 Kg

3682G0014

## ALUMINUM DEGREASERS



**WS 3660 G**  
**Degreaser and Rust Remover for Aluminum**

**Non-flammable** **Non-toxic**

Product specially designed for degreasing and deoxidizing aluminum. It improves weld quality by removing the alumina layer that hinders proper fusion during the welding process.

8 x 500 ml

3660G0020

30 Kg

3660G0014



Spraying



Immersion



Recirculation

## COPPER PICKLING



**WS 3674 Gel**  
**Copper Bead Pickling Gel**

**Brush-on** copper pickling gel. Removes blackening from the weld beads and areas affected by the heat of the electric arc, as well as oxide stains. Leaves a uniform finish and a glossy, satiny appearance.



Brush

1 x 5 Kg

3674G0005



**WS 3674 G Spray**  
**Copper Bead Pickling**

Copper pickling gel for **sprayer**. Removes blackening from weld beads in areas affected by the heat of the electric arc, as well as oxide stains. Leaves a uniform finish and a glossy, satiny appearance.



Spraying

30 Kg

3674G0014





# Equipment Maintenance

## TORCH COOLANTS



**WS 3915 G -10°C**  
**Torch Coolant -10°C**

**Non-flammable**

High-efficiency coolant formulated and recommended for use in all types of welding and cutting torches, even under the most demanding working conditions. Extends the life of consumables (torch, lines, pumps...).

4 x 5 L	3915G0013
10 L	3915G0006



**WS 3915 G -20°C**  
**Torch Coolant -20°C**

**Non-flammable**

High-efficiency coolant formulated and recommended for use in all types of welding and cutting torches, even under the most demanding working conditions. Extends the life of consumables (torch, lines, pumps...).

10 L	3915G2006
------	-----------

## TORCH MAINTENANCE



**WS 3910 G**  
**Torch Degreaser** **Non-flammable**

Product specially formulated for cleaning welding and cutting torches. Thanks to its strong cleaning power, it removes residue generated by the welding and cutting process. It removes even the most stubborn dirt without the need for mechanical stress or harsh products.

10 L	3910G0006
20 L	3910G0012



**WS 3955 S**  
**Cable Cleaner and Protector**

Aerosol for cleaning, protecting and maintaining the exterior of all types of cables. After application, it achieves a glossy finish and a protective film.

12 x 400 ml	3955S0020
-------------	-----------

**DEMO**  
**WS 3956 S**



**WS 3956 S**  
**Wire Assembly · Cable Lubricant**

Cable assembly lubricant spray that facilitates the sliding and assembly of all types of cables. Thanks to its formula with specific lubricants, this product allows for quick and easy cable installation. Welding Screen Maintenance

12 x 400 ml	WIRES0020
-------------	-----------

## WELDING MASKS MAINTENANCE



### **WS 3101 S Mask Cleaner**

Aerosol for cleaning, maintaining and protecting all types of masks and their moving parts. It also provides a protective and moisturizing layer.



12 x 400 ml

3101S0020



### **WS 3102 S Screen Cleaner**

Cleaning foam aerosol for cleaning all types of electronic screens. Its formula guarantees fast and thorough cleaning. It is drip-free and contains antistatic additives.



12 x 400 ml

3102S0020

## MACHINES AND EQUIPMENT MAINTENANCE



### WS 3025 S Dielectric Degreaser

Fast-drying dielectric cleaner aerosol. Improves the performance of electrical and electronic equipment by cleaning contacts and components. Prevents failures and malfunctions by removing contaminants that can wet and oxidize these contacts.

 12 x 400 ml    3025S0020



### WS INFINITY S Multipurpose Lubricant

High-performance industrial dielectric multipurpose spray. Lubricates metal parts, reducing friction and wear. Quickly penetrates and loosens seized and rusted parts. Protects against corrosion and rust. Displaces moisture from electrical and electronic equipment. Cleans embedded dirt.

 12 x 400 ml    INFIS0020



### WS 1832 S Dust Remover

Aerosol duster that provides a spray of inert dry gas for rapid removal of dust and dry contamination in delicate or hard-to-reach areas of electrical or electronic equipment.

 12 x 300 ml    1832S0020



### WS 1834 S Freezer -50°C

-50°C dry cooling spray for maintenance and repair. Cools parts and components to temperatures below 0°C, evaporating completely without leaving any residue.

Autobody and bumper repair, removing dents without paint. Locating intermittent faults, small cracks, and defective components on printed circuit boards.

 12 x 400 ml    1834S0020



### WS 3100 G Welding Machines Cleaner

 **Non-flammable**

High-efficiency cleaning product for the cases and metal parts of all types of welding machines. Removes all types of residues.

 4 x 5 L    3100G0011



### WS 3103 G Welding Tables Cleaner

 **Non-flammable**

Non-hazardous welding table cleaner. Its water-based formula contains corrosion inhibitors that prevent rust on metal surfaces where the product is applied. Do not apply to rusted surfaces.

 4 x 5 L    3103G0011

## AUXILIARY PRODUCTION PRODUCTS



### WS 1413 G White Cutting Agent

Universal white cutting agent, emulsifiable in water and with a high mineral oil content. Suitable for machining all types of steel, aluminum, and yellow metals.

 4 x 5 L

1413G0013



 12 x 400 ml

1422S0020



### WS 1422 S High Precision Cutting Oil

Special lubricant spray for metalworking applications. Contains extreme pressure and anti-corrosion additives. It exhibits high polarity to metal surfaces. It is not miscible with water and is suitable for direct use.



### WS 1422 G/11 High Precision Cutting Oil

Special lubricant for metalworking applications. Contains extreme pressure and anti-corrosion additives. It exhibits high polarity to metal surfaces. It is not miscible with water and is suitable for direct use.

 12 x 500 ml

1422G1120

 4 x 5 L

1422G1113

 25 L

1422G1124

 50 L

1422G1115



### WS 3911 G Corrosion Inhibitor for Plasma Cutting Machines

Synthetic additive that inhibits corrosion and preserves baths, formulated for use on underwater plasma cutting tables as an anti-corrosion fluid.

 25 L

3911G0024



## AUXILIARY PRODUCTION PRODUCTS



### WS 2950 S Ceramic Anti-Seize Paste

Special anti-seize paste aerosol for assembling screws, shafts, and sliding parts at high temperatures and extreme conditions. The high ceramic content enables separation after long periods at very high temperatures. Prevents galvanic corrosion between different metals.


 12 x 400 ml 2950S8420



### WS 2950 G/85 Ceramic Anti-Seize Paste

Special anti-seize paste for assembling screws, shafts, and sliding parts at high temperatures and extreme conditions. The high ceramic content enables separation after long periods of time at very high temperatures. Prevents galvanic corrosion between different metals.

 10 x 0,5 Kg 2950G8503

 5 Kg 2950G8505

 10 Kg 2950G8506

 45 Kg 2950G8508



### WS 3500 G Handwash Cream

High-efficiency, fast-rinsing hand wash cream containing natural abrasives in its formula that enhance the base product's high degreasing capacity, achieving very high cleaning performance with minimal skin irritation. Removes tough dirt such as oils, grease, printing inks, etc.

 4 x 5 L 3500G0013

 30 L 3500G0029



### WS 3501 G Handwash Paste

Highly effective and fast-rinsing hand wash that, thanks to its creamy texture, spreads easily on dry or wet hands, respecting the skin while providing a pleasant aroma and softness. Removes tough dirt such as oils, grease, printing inks, etc.

 4 x 4 Kg 3501G0000





# Accessories & Equipment

## SPRAYERS



**WS 9400**

**500 ml Bottle Sprayer**

Manual sprayer suitable for spraying anti-spatter liquids and especially designed for acidic products: pickling agents, passivators, degreasers, etc.

11 pcs. box 10000007

**WS 9402**

**6L Manual Sprayer**

Sprayer with a 6 L tank special for acidic products (pickling agents, passivators and degreasers, etc.). Equipped with lance and acid-resistant materials.

110280000



**WS 9403**

**Pneumatic Sprayer**

Special sprayer equipment for pickling agents, passivators and degreasers. Equipped with lance and acid-resistant materials.

100000033

## EXHIBITORS

**WS 9405**

**Exhibitor WS Welding**

Made with DM/MDF wood. 120 Aerosols Capacity.

350000055



## BRUSHES



**WS 9033**

**Special Acid Brush 380 mm**

Special brush for applying acid products (pickling and passivation agents).

10 pcs. box 090330000



**WS 9035**

**Special Acid Brush 270 mm**

Special brush for applying acid products (pickling and passivation agents).

36 pcs. box 090350020

## PLASTIC TAPS



**WS 9404**

**Plastic Tap**

For drums for 10 and 25 liters, and for 30, 50, and 200-liter metal drums.

25 pcs. box 090340020



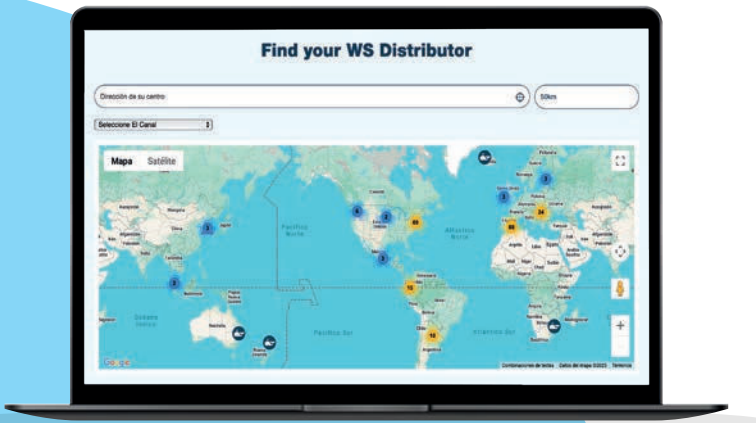




# Find your **WS** distributor

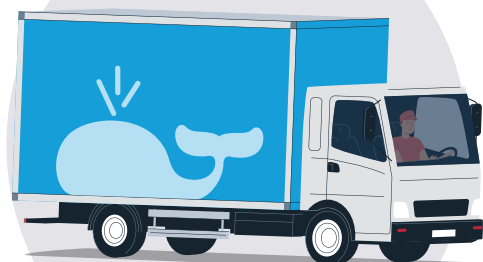
Where can I buy  
**WS** Products?

Scan this QR code to access  
our **WS** distributor map!



If you have any other  
questions, you can use the  
contact form on our website!

**whalespray.com**



 **WS**  
**Welding**

**#POWER**  
**TO THE**  
**WELDER**



■ WS Presence

**+75**

Countries

**225**

Distributors

**+1000**

Sales Points

**+90**

Product  
References

**+35**

Years of  
Expertise



**WhaleSpray**

[whalespray.com](http://whalespray.com)

P.I. Ametlla Park · 08480 L'Ametlla del Vallès · Barcelona

Tel. (0034) 938 827 712 · [whalespray@whalespray.com](mailto:whalespray@whalespray.com)

**#POWER TO THE WELDER**

Do you want to be up to date of all  
the news and processes at **WS**?

Follow us on LinkedIn!



SCAN ME!