

# Metal Treatment Chemicals



## BOC Weld-Guard™

Prevents weld spatter from adhering to metal surfaces and welding components during the welding process. Ideal for steels, aluminium and alloys. Non-flammable, paintable formula produces uniform spray without bubbles.

Description	Part No.
<b>Heavy-Duty</b>	
500ml Heavy-Duty Aerosol Anti-Spatter Spray*	1477/500
<b>Anti-Spatter (Water Based)</b>	
750ml Water Base Spray Trigger Pack	1407/28
5 litre Water Base Anti-Spatter Spray	1407/42
20 litre Water Base Anti-Spatter Spray	1407/51
500ml Empty Trigger Pack	1407/500
400g Nozzle Dip Gel	1467/400

**\*IMPORTANT NOTE** – This item is classified as **HAZARDOUS SUBSTANCE, DANGEROUS GOODS** according to the Criteria of NOHSC and the ADG Code. Please refer to MSDS and Technical Data Sheet before use.



### BOC Weld-Guard™ Stainless Steel Pickling Gel

Weld-Guard™ Pickling Gel is an Australian made product used to remove the heat tint discoloration and black weld scale left following the welding of stainless steel. Effective for use after MIG, TIG or Stick Electrode welding. Pickling provides superior corrosion protection to grinding or sandblasting.

- Strong formula
- Advanced technology ASTM a380 compliant formulation
- Superior packaging and customer information
- Extensive range
- Faster, more effective pickling to improve fabrication efficiency
- Superior gel adhesion allows use on vertical and overhead surfaces – will not run over surface, even in hot weather
- Free acid resistant application brush aids correct use during fabrication and worker safety
- 1 kg, 2.5 kg and 25 kg for small to heavy users

#### Specifications

Weld-Guard™ Pickling Gel contains 50g/L hydrofluoric acid and 300g/L nitric acid – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
Pickling Gel 1 kg	1107/30
Pickling Gel 2.5 kg	1107/78
Pickling Gel 25 kg	1107/51



Example of Weld-Guard™ Stainless Steel Pickling Gel.



### BOC Weld-Guard™ Stainless Steel Pickling Solution

Weld-Guard™ Pickling Solution is an Australian made product used to remove the heat tint discoloration and black weld scale left following the welding of stainless steel. Effective for use after MIG, TIG or Stick Electrode welding. Pickling provides superior corrosion protection to grinding or sandblasting.

- Faster and more effective pickling to improve fabrication efficiency
- Consistent quality for reliable pickling
- 5 litre, 20 litre and 200 litre for small to heavy users
- Strong formula
- Advanced technology ASTM a380 compliant formulation
- Superior packaging and customer information
- Extensive range

#### Specifications

Weld-Guard™ Pickling Gel contains 50g/L hydrofluoric acid and 300g/L nitric acid – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
Pickling Solution 5 litre	1117/42
Pickling Solution 20 litre	1117/51
Pickling Solution 200 litre	1117/64



### BOC Weld-Guard™ Aluminium Pickling Gel

Weld-Guard™ Aluminium Pickling Gel is an Australian made product used to remove surface oxides prior to welding, and the grey oxide, soot and weld scale residue following the welding of aluminium.

- Strong formula
- Concentrated gel formula
- Fast acting
- Superior packaging and customer information
- Completely water rinsable
- Faster, effective pickling to improve fabrication efficiency
- Superior gel adhesion allows the gel to stay where required, even on vertical surfaces
- Usually only a 5 minute dwell time is required
- Weight 2.5 kg

Part No.	1327/78
----------	---------



Example of the action of BOC Weld-Guard™ Aluminium Pickling Gel.

**IMPORTANT NOTE** – These three items are classified as **HAZARDOUS SUBSTANCE, DANGEROUS GOODS** according to the Criteria of NOHSC and the ADG Code. Please refer to MSDS and Technical Data Sheet before use.



## BOC Weld-Guard™ Stainless Steel Passivating Gel

Weld-Guard™ Stainless Steel Passivating Gel is used for the passivation of stainless steel following grinding, pickling, sandblasting or mechanical polishing during fabrication or maintenance of stainless steel.

- Ease of application, will not run
- Provides effective passivation
- Stronger and uniform passivation
- Improves surface finish quality
- Prevents expensive downtime, replacement of process plant and equipment, and architectural stainless steel
- Consistent ASTM a380 gel formulation
- Dissolves surface iron contamination
- Chemically restores the chrome oxide layer
- Restores lustre of the stainless steel
- Removes rust and provides ongoing corrosion protection
- Weight 2.5 kg

### Specifications

Passivating Gel contains 300 g/L nitric acid – refer to Technical Data and Material Safety Data Sheet (MSDS).

Part No.	1137/78
----------	---------



## BOC Weld-Guard™ Rust Remover and Cleaner

Weld-Guard™ Rust Remover and Cleaner is a phosphoric acid based surfactant for the removal of corrosion products and rust on mild steel, stainless steel and aluminium. Aids the final appearance of the surface prior to supply or hand over.

- Powerful acid based surfactant
- Readily miscible with water at all concentrations
- Contains a brightening agent
- Extensive range
- Effectively and quickly removes corrosion products
- Can readily be diluted to required concentration
- Leaves a clean satin finish for improved appearance
- Pack size available for small or large users

### Specifications

Weld-Guard™ Neutralising Solution contains phosphoric acid 851 g/L – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
5 litre	1207/42
20 litre	1207/51
200 litre	1207/64



## BOC Weld-Guard™ Aluminium Brightener and Cleaner

Weld-Guard™ Aluminium Brightener and Cleaner is an Australian made product designed to quickly remove atmospheric corrosion, road grime and soils from all aluminium surfaces. Commonly used to deoxidise and brighten transport vehicles, boat hulls, aluminium sidings and road-tankers. It can also be used to prepare an aluminium surface before welding, and to remove weld scale and burn marks. Not to be used on polished surfaces (use Weld-Guard™ Rust Remover and Cleaner for polished surfaces). Effective for removing rust stains from stone and cement materials.

### Features

- Strong formula
- Fast acting
- Completely water rinsable
- Water dilutable
- Fast, effective cleaning to improve fabrication efficiency
- Usually only a 5 minute dwell time is required
- Leaves no residue after rinsing
- Adjust concentration for specific degree of soiling and corrosion

### Specifications

Weld-Guard™ Aluminium Brightener and Cleaner contains sulphuric acid 208 g/L and ammonium bifluoride 79 g/L – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
5 litre	1307/42
20 litre	1307/51
200 litre	1307/64

**IMPORTANT NOTE** – These three items are classified as **HAZARDOUS SUBSTANCE, DANGEROUS GOODS** according to the Criteria of NOHSC and the ADG Code. Please refer to MSDS and Technical Data Sheet before use.



### BOC Weld-Guard™ Neutralising Solution

Weld-Guard™ Neutralising Solution for Acidic Waste is an alkaline solution for the neutralisation of pickling and passivation acidic waste effluent. It contains an in-built pH indicator to provide a visual colour change when neutralisation of spent acidic waste has been completed.

- Contains an in-built acid/base indicator
- Neutralises acidic products
- Extensive range
- Low cost
- Provides a visual confirmation of neutralisation
- Aids trade waste compliance and safe handling
- Pack size available for small or large users
- Cost effective

#### Specifications

Weld-Guard™ Neutralising Solution is an alkaline agent which is non-regulated under the Australian Dangerous Goods Code – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
5 litre	1157/42
20 litre	1157/51
200 litre	1157/64



### BOC Weld-Guard™ Multi-Purpose Cleaner and Degreaser

Weld-Guard™ Multi-Purpose Cleaner and Degreaser is a unique organic cleaning solvent for the surface preparation of stainless steel, aluminium, mild steel and their steel fabricated products. It is non-toxic, non-flammable, biodegradable and, when dry, leaves no residue. High evaporation solvents such as white spirits, toluene, thinners etc have a high wastage due to evaporative loss. Weld-Guard™ Multi-Purpose Cleaner and Degreaser's low rate of evaporation provides great efficiency in use as well as economy.

- Pre and post weld cleaner
- Non toxic, non-flammable
- Effective surface degreaser and cleaner
- Extremely versatile
- Low rate of evaporation
- CO<sub>2</sub> propellant for aerosol
- Extensive range
- Improved weld quality
- Improved worker safety
- Perfect presentation after final clean-up
- Wide range of applications
- Minimal evaporative loss and excellent economy
- Environmentally safe and non-flammable
- 300g aerosol, 4L, 20L and 200L for all volume users

#### Specifications

Weld-Guard™ Multi-Purpose Cleaner and Degreaser contains liquid hydrocarbons 640g/L – refer to Technical Data and Material Safety Data Sheet (MSDS).

Description	Part No.
300g	5307/300
4 litre	5307/39
20 litre	5307/51
200 litre	5307/64

**IMPORTANT NOTE** – This item is classified as a **HAZARDOUS SUBSTANCE** according to the criteria of NOHSC and the ADG Code. Please refer to MSDS and Technical Data Sheet before use.