



WS 3613 G Liquid Immersion Paint Stripper

TDSWS3613GLiquidEN Ed.1.0 - 03/07/2023 (REV 00/00/2000)



WS Welding Technical Data Sheet

Description

The corrosion resistance and life cycle of stainless steel surfaces are dependent on thorough and professional surface treatment.

WS 3613 G Liquid is a pickling agent that removes blackening of the weld bead and arc heat affected areas as well as oxide stains on stainless steels and their alloys. It leaves a uniform surface finish with a shiny satin appearance. It is highly effective as it removes all potential signs of ferritic corrosion, external rust, reduced chrome layers and abrasions.

Properties

- Easy application and fast stripping with excellent results.
- It does not contain hydrochloric acid so there is no risk of stinging.

Applications

- Pickling by immersion of parts.
- Stripping of MIG-MAG, TIG and MMA welding surfaces and weld seams.
- Stainless steels and their alloys.

Instructions of use

➤ **Security:**

Refer to the product safety data sheet.

➤ **Application:**

Surfaces must be clean before treatment.

Areas where the product should not or cannot be applied shall be sealed or protected by a plastic material.

Tanks must be acid resistant made of PP or PVC plastic material. They may not be iron tanks. The product is concentrated and must be diluted.

Grade Stainless Steel	Dilution
Austenitic 304 - 316	1 : 3*
Duplex 2205 and Austenitic 904L	Gel
Supersutenitics 254 SMO and Superduplex 2507	Red

*Additional dilution can be made if longer pickling times are acceptable.



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The time required will depend on the temperature and type of welding, and can vary from 30 minutes to 12 hours:

The bath can be heated to accelerate the treatment to a maximum temperature of 30°C.

It is recommended to carry out a test on a surface with the same characteristics as the part to be treated to check the results.

Rinse with plenty of water and ensure that no acid residues remain on the surface. Special attention should be given to cracks and hollow sections.

➤ **Waste Management:**

The wastewater from the process is strongly acidic and contains dissolved metal ions. The concentration of metal ions is normally below the legal limit values. A pH neutralisation treatment can be carried out for subsequent delivery to a waste manager. The waste must be treated as hazardous waste according to legal requirements.

➤ **Storage:**

Store in accordance with local legislation. Observe label instructions. Store containers between 5 and 25°C, in a dry, well-ventilated place, away from heat sources and direct sunlight. Keep away from sources of ignition. Keep away from oxidizing agents and strongly acidic or alkaline materials. Do not smoke. Keep away from unauthorised persons. After opening, containers should be carefully resealed and placed upright in order to avoid spills.

Certifications/Specifications

- The 6 x 1.2 kg format does not classify as ADR for road transport.

Technical data

Property	Specification/Method	Value
Reference	- - - - -	WS 3613 G Liquid
Aspect	- - - - -	Liquid
Colour	- - - - -	Colourless
Density at 20°C	- - - - -	1,25 Kg/l
100% pH	- - - - -	<1
Surface tension at 20°C	- - - - -	Not applicable
Minimum temperature	- - - - -	5°C
Maximum temperature	- - - - -	35°C
Freezing point	- - - - -	Not applicable



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All data contained in this document are based on experience and laboratory tests. The wide range of equipment and environmental conditions, as well as unforeseen human factors, may affect the application results to a greater or lesser extent. For this reason, we recommend that you check the compatibility of the product before use. This information is based on reliable experience, but is only indicative.