

# Rust & Scale Remover 100

Acidic rust remover

RS-100

**Rust & Scale Remover 100** is used as an immersion or paintable rust and scale remover it is a green liquid acidic detergent designed to remove rust and oxides as well as light oily soils from ferrous metals. Rust & Scale Remover 100 has a wide range of applications in industries involved in the fabrication and manufacture of ferrous metal structures and components.

## Benefits

- In one operation Rust & Scale Remover 100:removes rust, heat treatment, scale and other oxides;
- Removes soldering and welding fluxes, smut and dirt as well as light films of forming oils and rust preventive oils;
- Conditions metal surfaces for painting by providing some of the advantages of a phosphate coating.
- Well inhibited to minimise attack on base ferrous metal.
- Provides temporary rust protection to ferrous metal parts.
- Active surfactant system wets surfaces and aids solution penetration of lap joints and recesses.
- Unlimited shelf life.

## Method of Use

### Immersion:

Concentration: 1 part Rust & Scale Remover 100 to 4 to 5 parts water

Temp; Ambient to 60°C (140°F)

Time: 10 minutes to 4 hours, dependent upon amount of rust and type of component. Machined surfaces or cast iron components should not be immersed in Rust & Scale Remover 100 solutions for more than 1 hour without inspections

Rinse with water by immersion or pressure spray

Tank Construction - stainless steel, mild steel lined with rubber, PVC or other suitable acid resistant material.

### Wipe-On Wipe-Off Process:

Concentration 1 part Rust & Scale Remover 100 to 4 - 5 parts water

Temp: Ambient

Time; 5 minutes - 30 minutes Rinse by spray or swab with water

### CHEMICAL CONTROL

A simple titration method for the determination of free acid and dissolved iron is available from your Jaegar Australia Technical Representative.

### EFFECT ON MATERIALS OF CONSTRUCTION

Rust & Scale Remover 100 is suitable for use on stainless steel, mild steel and cast iron. It should not be used for any other purpose unless specific operating instructions have been obtained from an authorised Company representative.

### FIRST AID:

IF POISONING OCCURS CONTACT A DOCTOR OR POISONS INFORMATION CENTRE.

Urgent action is essential. If swallowed do NOT deliberately induce vomiting. If patient is fully conscious give several glasses of water or milk. Repeat if vomiting occurs. If patient is not fully conscious do not give anything by mouth. Get urgent medical treatment for corrosive acid.

## SAFETY PRECAUTIONS

### PERSONNEL:

CAUTION - ACID MATERIAL  
AVOID CONTACT WITH THE SKIN AND EYES. KEEP OUT OF THE MOUTH. TIGHTLY. WEAR PROTECTIVE CLOTHING AND EYESHIELD.  
KEEP LID ON

### EYES:

If contact lenses are worn, remove immediately. If contacted in the eyes wash them with clean cold water and continue for at least 15 minutes. Get medical attention.

### SKIN:

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water.

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