

ASA Bio-Derosta® L-6

Biological complexing agent for de-rouging of stainless steels

Description: Mixture of biological complexing agents, buffer substances and surfactants. The product contains very small amounts of undissolved siderophores. However, this dissolves in the reaction with the rouging particles.

Dosage: For application as dipping bath: three litres of water are added per one litre **ASA Bio-Derosta®** (25 liters of **ASA Bio-Derosta®** yield 100 liters of dipping bath).

Application: Pretreatment

The metal parts could be cleaned by commercial defatting baths.

De-rusting

Place nonfat metal parts in the dipping bath heated to 40°C. Duration of de-rouging depends on thickness of the rouging layer, and lasts 24 to 48 hours. It is important to cover the parts completely by the liquid. The de-rouging process is finished if the rouging layer is easily rubbed off.

After treatment

Wash up the parts thoroughly with water. Big parts should be hosed down by using high pressure. The parts can be treated with commercial preservatives to prevent from rusting.

Reuse

The solution can be used several times. However increasing use of it prolongs the duration of processing, the solution uses up gradually.

Shelf life of the solution ready for use

The bath shall be used within seven days after preparation and shall be disposed of subsequently.

Advice: The de-rusting may be improved resp. accelerated by following methods:

- Warming of the bath for de-rusting up to 50 °C
- Recirculation of the solution while treatment
- Movement of the parts in the dipping bath
- Use of ultrasound waves

Order-No.: 9040

Delivery form: light-yellow, cloudy liquid: concentrate

Storage: room temperature (ca. 20°C)

Shelf life: at least 1 year