

TECHNICAL INFORMATION

LURIGOL 089

Description

LURIGOL 089 is a liquid and pH-neutral concentrate for the quick and gentle removal of light to moderate corrosion from metals. LURIGOL 089 can also be used as a descaling agent for ferrous and non-ferrous metals.

Properties

LURIGOL 089 is suitable for removing corrosion from steel, grey cast iron and stainless steel as well as aluminium, copper and brass to a limited extent. LURIGOL 089 can be used in immersion, ultrasonic, spray and pressure flooding processes. LURIGOL 089 does not form any irritating foam even at 20 °C.

Application

The dosage, treatment duration and application temperature are essentially dependent on the material and the extent of the corrosion, as well as the system parameters (e.g. pressure, ultrasonic power). Corrosion can usually be removed within the parameters specified below:

Application concentration:	2 - 15 %
Application temperature:	20 - 70 °C
Treatment time:	1 to 15 minutes

The parts must then be thoroughly rinsed with water. The parts should also be passivated (e.g. temporary passivation with LURIGOL 266) or preserved (e.g. with PERIGOL 100).

Characteristics

Form, colour:	liquid, colourless to light yellow
pH value (10% solution, deionised water, 20°C):	approx. 6.5
Density (concentrate, 20°C):	1.35 g/cm ³

Bath control

The pH value should be checked to monitor the treatment bath. LURIGOL 089 removes corrosion effectively for pH values below 6.7. For pH values above 6.7, LURIGOL 089 should be added as a concentrate.

For further information

see safety data sheet