



Application/product description

Passivation of chrome-nickel steels, higher alloyed materials and special materials such as titanium

Application by brushing, spraying or dipping

Available as a liquid and gel-like product

Individual feature Rebuilding of the

passive layer destroyed during the pickling process within hours Use as a cleaning agent to remove acid scum

after the pickling process Prevention of material embrittlement in higher alloy materials, such as duplex and super

duplex



Response time

approx. 20-30 minutes



Result

Formation of a homogeneous and dense passive layer



Yield 8-10 m²/kg



Materials to be treated

Chromium-nickel steels, higher alloy materials and Special materials such as titanium



Recommended accessories

Spray technology

Personal protective equipment

General instructions for use

- The respective product must be tested for suitability before use (pre-test)
- Apply using a suitable spray technique (available from Pelox) After passivation, rinse the surface with clean water using a high-pressure cleaner (min. 150 bar) until pH neutrality is achieved Avoid direct sunlight and high ambient temperatures (recommended storage and processing temperature: 5 – 25 °C)
- Observe the safety data sheet and wear personal protective equipment. Observe proper wastewater treatment and disposal of residual materials. All information is non-binding - subject to change.



PHYSICAL AND CHEMICAL PROPERTIES

State of aggregation:	fluid
Form:	liquid/gel
Color:	colorless
Odour:	stinging/biting
pH value:	<1
Density at 20 °C:	1,10 - 1,11 g/cm ³

LABELLING ACCORDING TO REGULATION (EC) NO. 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:	GHS05 GHS07		
Signal word:	Danger		
Hazardous components:	Nitric acid ...	% [C ÿ 70%]	

DANGER AND SAFETY INFORMATION

Hazard warnings:

H290; H314; H332

May be corrosive to metals. Causes severe skin burns and eye damage. Harmful if inhaled.

Safety instructions:

P260; P280; P301+P330+P331; P303+P361+P353; P305+P351+P338; P310

Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. IF ON SKIN (or hair): Remove/shower immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing. Immediately call a POISON CENTER/doctor.

Additional hazard characteristics:

EUH71

Corrosive to the respiratory tract.

OTHER HAZARDS

PBT assessment: According to information submitted in the supply chain, the mixture does not contain any substance with >0.1% considered to be PBT.

vPvB assessment: According to the information submitted in the supply chain, the mixture does not contain any substance with >0.1% considered to be vPvB.

