

Application/Product Description

Passivates chromium-nickel steels, higher-alloyed materials, and special materials such as titanium
Apply by brushing, spraying or dipping
Available in liquid and gel-like form

Individual Features

Reconstructs the passive layer destroyed during the pickling process within hours
Use as a cleaning agent to remove localized acid residues after the pickling process
Prevents higher-alloyed materials, such as Duplex and Super Duplex, from becoming brittle



Reaction Time

Approx. 20-30 minutes



Result

Forms a homogenous and dense passive layer



Yield

8-10 m²/kg



Treatable Materials

Chromium-nickel steels, higher-alloyed materials, and special materials such as titanium



Recommended Accessories

Spray technology
Personal protective equipment

General Information on Application

- The respective product must be tested for suitability before use (pre-test)
- Apply with a suitable spraying device (available from Pelox)
- After the cleaning process, rinse the surface with clean water using a high-pressure cleaner (min. 150 bars) until pH neutrality is achieved
- Avoid direct sunlight and high ambient temperatures (recommended storage and application temperature: 5–25 °C)
- Observe the safety data sheet and wear personal protective equipment
- Observe proper waste water treatment and disposal of residues
- All information is non-binding - subject to change without notice



PHYSICAL AND CHEMICAL PROPERTIES

State of Aggregation:	liquid
Form:	liquid/gel
Colour:	colourless
Odour:	acid/pungent
pH value:	0 - 1
Density at 20 °C:	appr. 1,11 g/cm ³

CLASSIFICATION IN ACCORDANCE WITH (EC) NO. 1272/2008 (CLP)

This product is assessed and classified using the methods and criteria referred to in Article 9 of Regulation (EC) no 1272/2008.

Hazard pictograms:	GHS05 GHS07
Signal word:	Danger
Hazardous components to be indicated on label:	nitric acid ...% [C ≤ 70 %]



HAZARDS IDENTIFICATION

Hazard statements:

H290; H314; H332

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

Precautionary statements:

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): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Hazard statements (EU):

EUH71

Corrosive to the respiratory tract.