

Application/Product Description

Treatment of stainless steel surfaces and welding seams
Efficient and economic application due to long, reactive dampening phase
Removes annealing colours, scaling and foreign contaminants in one step
Available in transparent and red

Individual Features

Our all-rounder: distinguishes itself through its versatility – from common chromium-nickel steels to higher alloyed stainless steels
Optimum reaction time even with materials that are difficult to treat

acid concentration



Reaction Time

Approx. 30 min. to 360 min.
Depending on material, temperature and welding method as well as type and intensity of surface impurities



Result

Metallically pure surface with even, very good brightening (no so-called dulling)



Yield

approx. 4 – 6 m²/kg



Treatable Materials

All common chromium-nickel steels as well as higher alloyed materials



Recommended Accessories

Surface cleaner or alkaline degreaser
Spraying device
Personal protective equipment

General Information on Application

- The respective product must be tested for suitability before use (pre-test)
- Remove dirt, grease or oil residues with acidic cleaner (Pelox Surface Cleaner FR-D) or alkaline degreaser (Pelox Cleaning and Degreasing agent AR 90) before treatment
- Homogenise pickling spray carefully before use
- Apply with a suitable spraying device (available from Pelox)
- After pickling process, rinse 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 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:	viscous
Colour:	colourless/red
Odour:	acid
pH value:	0-1
Density at 20 °C:	1,2 - 1,3 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) n° 1272/2008.

Hazard pictograms:	GHS05 GHS06
Signal word:	Danger
Hazardous components to be indicated on label:	nitric acid ...% [C ≤ 70 %] hydrofluoric acid



HAZARDS IDENTIFICATION

Hazard statements:

H290; H301+H331; H310; H314

May be corrosive to metals. Toxic if swallowed or if inhaled. Fatal in contact with skin. Causes severe skin burns and eye damage.

Precautionary statements:

P260; P280; P303+P361+P353; P305+P351+P338; P310; P403+P233

Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. 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. Store in a well-ventilated place. Keep container tightly closed.

Hazard statements (EU):

EUH071

Corrosive to the respiratory tract.