

Application/product description

Treatment of welds and their heat-affected zones on stainless steel surfaces

Removes tarnish, scaling and foreign contaminants in one step

Very good rinsing properties

All Pelox stainless steel pickling products are free of hydrochloric acid and chlorides

Available in transparent, red and green

Individual characteristic

Our all-rounder: Characterized by versatile application possibilities - from common chrome-nickel

Steels up to higher alloyed stainless steels

Optimum reaction time even with difficult-to-treat materials

Acid concentration



Reaction time

approx. 20 min. to 12 hours

depending on material, temperature and welding process as well as type and intensity of surface contamination **Result** metallically pure



surface with

uniform, very good brightening



Yield approx. 80 - 120 linear m/kg



Materials to be treated: all common chromenickel steels and higher alloyed materials



Recommended accessories

Surface cleaner or alkaline degreaser Plastic brush

Personal protective equipment

General instructions for use

- The respective product must be tested for suitability before use (pre-test)
- Remove dirt, grease or oil residues before treatment with acidic cleaner (Pelox Surface Cleaner FR-D) or alkaline degreaser (Pelox Cleaning and Degreasing Agent AR 90)
- Carefully homogenize the pickling paste before use
- Apply with a suitable plastic brush (available from Pelox)
- After the pickling process, rinse the surface with clean water 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
- Ensure 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: pasty

Color: colorless/red/green

Odor: biting PH value: <1

Density at 20 °C: 1,2 g/cm³

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

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

Hazard pictograms: GHS05 GHS06

Signal word: Danger

Hazardous components: Hydrofluoric acid

Nitric acid ... % [C ÿ 70%]





DANGER AND SAFETY INFORMATION

Hazard warnings:

H290; H301+H331; H310; H314

May be corrosive to metals. Toxic if swallowed or inhaled. Fatal in contact with skin.

Causes severe skin burns and eye damage.

Safety instructions:

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): Remove 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 or doctor/physician. Store in a well-ventilated place. Keep container tightly closed.

Additional hazard characteristics: EUH071

Corrosive to the respiratory tract.

OTHER HAZARDS

Risk of slipping due to leaking/spilled product.

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.





Application/product description

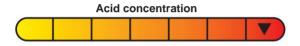
Treatment of welds and their heat-affected zones on stainless steel surfaces Removes tarnish, scaling, corrosion and foreign contaminants

Very good rinsing properties

All Pelox stainless steel pickling products are free of hydrochloric acid and chlorides Available in transparent, red

Individual characteristic

Specially developed for high-alloy stainless steels and special materials Strong pickling power, suitable for treating heavy scaling





Reaction time

approx. 10 min. to 12 hours

depending on material, temperature and welding process as well as type and intensity of surface contamination **Result** good surface brightening





Yield approx. 80 - 120 linear m/kg



Materials to be treated: high-alloy stainless steels and special materials



Recommended accessories

Surface cleaner or alkaline degreaser Plastic brush Personal protective equipment

General instructions for use

PELON

- The respective product must be tested for suitability before use (pre-test)
- Remove dirt, grease or oil residues before treatment with acidic cleaner (Pelox Surface Cleaner FR-D) or alkaline degreaser (Pelox Cleaning and Degreasing Agent AR 90)
- Carefully homogenize the pickling paste before use
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PHYSICAL AND CHEMICAL PROPERTIES

State of aggregation:fluidForm:pastyColor:whitish/redOdor:bitingPH value:<1</th>

Density at 20 °C: 1,25 g/cm³

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

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Hazard pictograms: GHS05 GHS06

Signal word: Danger

Hazardous components: Hydrofluoric acid

Nitric acid ... % [C ÿ 70%]





DANGER AND SAFETY INFORMATION

Hazard warnings:

H290; H301+H331; H310; H314

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Additional hazard characteristics:

EUH071

Corrosive to the respiratory tract.

OTHER HAZARDS

Risk of slipping due to leaking/spilled product.

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.





Application/product description

Treatment of welds and their heat-affected zones on stainless steel surfaces Removes tarnishing, light scaling, corrosion and foreign contaminants

Very good rinsing properties

All Pelox stainless steel pickling products are free of hydrochloric acid and chlorides Available in transparent, red

Individual characteristic

Specially developed for the treatment of cold-rolled and ground stainless steel surfaces

The lower acid concentration reduces gas emissions

Taking into account the material and the reaction time, there is a barely visible change in the

Surface structure and only slight brightening of the treated surface

Particularly suitable for visible construction areas

Acid concentration



Reaction time

approx. 30 min. to 120 min.

depending on material, temperature and welding process as well as type and intensity of surface contamination **Result** metallically clean



surface with even, slight brightening



Yield approx. 80 - 120 linear m/kg



Materials to be treated: all common chrome-

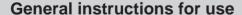
nickel steels, cold-rolled and ground stainless steel surfaces



Recommended accessories

Surface cleaner or alkaline degreaser Plastic brush

Personal protective equipment



PELOX

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PHYSICAL AND CHEMICAL PROPERTIES

State of aggregation: fluid Form: fluid

Color: colorless/red

Odor: biting PH value: <1

Density at 20 °C: 1,20 - 1,25 g/cm³

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

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

Hazard pictograms: GHS05 GHS06

Signal word: Danger

Hazardous components: Hydrofluoric acid

nitric acid





DANGER AND SAFETY INFORMATION

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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.

