



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



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 chrome-nickel 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/cm ³

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

Acid concentration



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

- 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:	whitish/red
Odor:	biting
PH value:	<1
Density at 20 °C:	1,25 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 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

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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 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



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

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)
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- 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:	fluid
Color:	colorless/red
Odor:	biting
PH value:	<1
Density at 20 °C:	1,20 - 1,25 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 GHS06
Signal word:	Danger
Hazardous components:	Hydrofluoric acid nitric acid



DANGER AND SAFETY INFORMATION

Hazard warnings:

H290; H302+H332; H311; H314

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

Safety instructions:

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

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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.

