

# Avesta GreenOne™ Pickling Paste 120

## 100% Stainless

### A soft pickling paste for light pickling and heavy duty maintenance cleaning!

Many of the processes used for pickling and cleaning stainless steel lead to the development of hazardous nitric fumes. To improve safety when pickling and cleaning, Avesta Finishing Chemicals has developed a unique patented low fuming pickling paste which reduces the toxic nitric fumes by 90 %.

### Standard applications

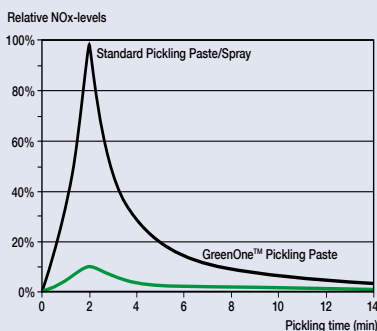
Avesta GreenOne™ Pickling Paste 120 is intended for both the soft brush pickling of weld seams and smaller areas to preserve bright finishes after fabrication and heavy duty maintenance cleaning, rust removal on corrode stainless steel surfaces in service.

### Features

- Restores damaged stainless steel surfaces, such as weld seams, by removing weld oxides, the underlying chromium depleted layer and other defects that may cause local corrosion.
- Improved pickling result, preserves a brighter finish with less discolouration than classical products.
- For cleaning of rustier surfaces, removal of coarse surface rust caused by pitting.
- Unique, covered by a world patent.
- Higher yield, decreased consumption, thanks to the visible green colour and its free flowing consistency which facilitates application.



Avesta GreenOne™ Pickling Paste 120 – for both soft pickling and heavy duty maintenance cleaning.



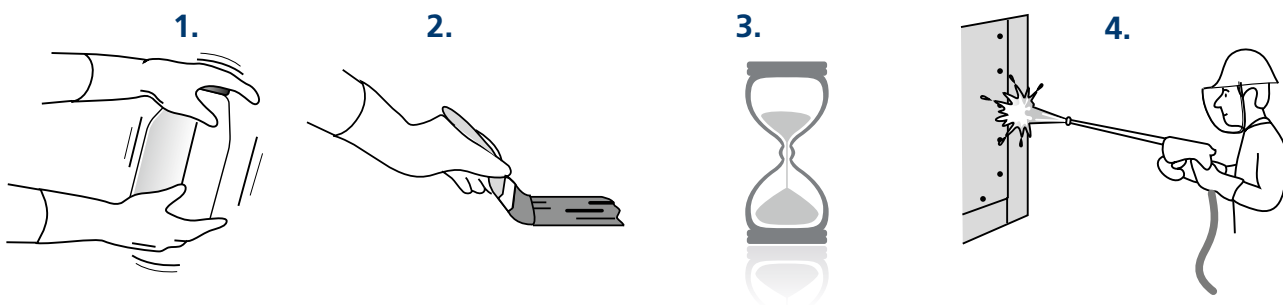
90% fume reduction compared to standard Pickling Paste.



Before and after pickling, Avesta GreenOne™ Pickling Paste 120.

**Avesta**  
Finishing Chemicals

## Instructions for use



1. Stir or shake the paste before use.
2. Apply the paste with an acid-resistant brush.
3. Typical pickling time for Steel grade 304/316 is 90 min at 10 °C, 45 min at 20 °C and 20 min at 30 °C. The pickling time may vary for the same steel grade, depending on the surface finish and the welding method.
4. Remove pickling residues using a high-pressure water jet, or with a stainless steel brush and then rinse with water. The waste water should be treated before discharge.

## Packaging

Avesta GreenOne™ Pickling Paste 120 is supplied in a 2.4 kg polyethylene container supplied in a 4-pack cardboard box.

All packing material follows the UN regulations for Hazardous goods.

## Storage

Avesta GreenOne™ Pickling Paste 120 should be stored indoors at room temperature. Containers must be kept properly closed, in an upright position and inaccessible to unauthorised persons.

The product is perishable and should not be kept in storage longer than necessary. It has a maximum shelf life of two years when stored at room temperature. Exposure to higher temperatures (> 35 °C) may damage the product and reduce the shelf life.

## Worker safety

**Avesta First Aid Spray 910** should be readily accessible to all those who work with pickling. It comes in a handy 200 ml spray can and the content has been optimised to decontaminate small acid-splashes of pickling paste.

**Protective clothing.** In general users should wear acid-resistant overalls, gloves and rubber boots. Face visor should be used and, if necessary, suitable respiratory protective devices.

Special conditions may apply from one country to another. Consult our website where updated Safety Data Sheets can be found.

## Waste treatment

The waste water produced when pickling contains acids and should be treated with Avesta Neutraliser 502 or with slaked lime to a pH-value of 7–10 before discharge.

Heavy metals from the stainless steel are precipitated as a sludge, and should be sent for deposition according to local regulations.

Empty containers (HDPE) must be cleaned and can then be recycled according to local regulations.

## Other information

For more information, please visit our website [www.avestafinishing.com](http://www.avestafinishing.com) where you can find Safety Data Sheets and other useful information.

### Böhler Welding Group Nordic AB

Avesta Finishing Chemicals  
Lodgatan 14  
SE-211 24 Malmö, Sweden  
Tel: +46 (0)40 28 83 00  
Fax: +46 (0)40 93 94 24  
[www.avestafinishing.com](http://www.avestafinishing.com)



 **Responsible Care**  
Good Chemistry at Work

**Avesta**  
Finishing Chemicals