

Neutraliser 502

The need for neutralising after pickling.

Treatment of used pickling products and the resulting waste water from rinsing must be done in accordance with local regulations.

Standard applications

The consumed pickling residuals when rinsed off are acidic and in the resulting waste water are also heavy metals (mainly chromium and nickel that have been dissolved from the steel). This waste water hence has to be neutralized.

Avesta Neutraliser 502 is a simple way treat this waste by neutralising the acidic waste water and precipitating the heavy metals. The heavy metals form a sludge that can be separated from the neutralized clear water.

This clear water may be reused in the process, out in the sewage or further treated depending on local requirements.

This sludge must be treated as heavy metal waste and disposed accordingly.

Features

- » Gives rapid precipitation of iron, chromium and nickel in the form of a sludge which can be sent for deposition.
- » Adjusts the waste water to a pH-value of 7-10 before discharge.



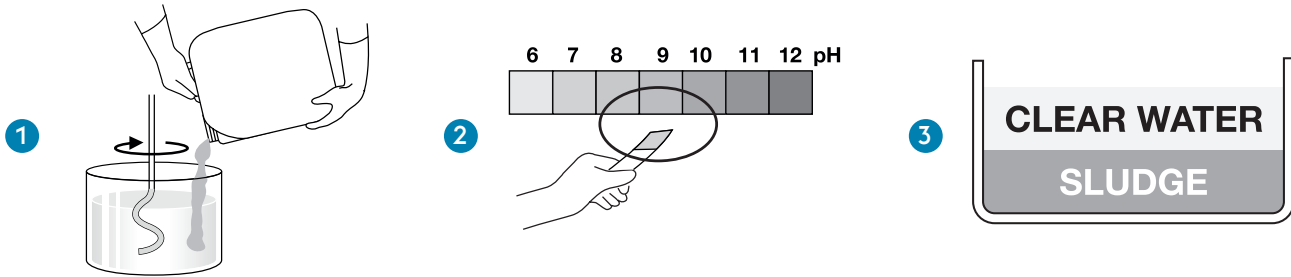
1010kg IBCs



32kg drums

Photos: Available in several packages
(Sizes may differ from markets)

Instructions for use



1. Collect the resulting waste water in a neutralising tank. Add the Neutraliser 502 to the rinse water while stirring.

2. Check the pH-value with litmus paper. Optimum precipitation of heavy metals (Cr/Ni) is achieved at pH 9,5.

3. The neutralised clear water and the sludge should be send for deposition according to local regulations.

Packaging

Avesta Neutraliser 502 is supplied in 32 kg and 1010 kg IBC polyethylene packages. Availability of different packages sizes may differ between markets.

Storage

Avesta Neutraliser 502 should be stored indoors at room temperature. Containers must be kept properly closed, in an upright position and inaccessible to unauthorized persons. Keep the lid on at all times when not in use.

Worker safety

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

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.voestalpine.com/welding, where you can find Safety Data Sheets and other useful information.



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