TECHNICAL DATA SHEET (TDS) AND INSTRUCTIONS FOR USE

METOX N-3000

Neutralisation Liquid

Neutralises acid residues after pickling and passivation

Product Description

METOX N-3000 is a special neutralisation liquid used after acid cleaning (pickling) and passivation of metal surfaces to neutralise acid residues remaining on the surface and to bring the pH of the rinse water to a level compliant with environmental discharge standards.

It ensures safe discharge of acidic waste and minimises harm to the environment.

Features and Benefits

- **Effective neutralisation:** Quickly and effectively neutralises acid residues on acidic surfaces and in rinse water.
- **Surface protection:** Prevents acid residues on the surface from causing corrosion and extends the life of the metal.
- **Environmentally compatible:** Adjusts the pH of waste water and allows discharge in line with environmental regulations.
- **Safe application:** Helps parts leaving acid baths to be handled safely and prepared for subsequent processes.



30 kg drum and 1,000 kg IBC

Packaging

Metox N-3000 is supplied in 30 kg drums and 1,000 kg IBC polyethylene containers. Availability of package sizes may vary between markets.

Storage

- Metox N-3000 should be stored indoors at room temperature. Containers must be kept tightly closed, upright and out of reach of unauthorised persons.
- Always keep the lid closed when not in use.

Areas of Use

- Stainless steel pickling and passivation lines
- Rinsing of metal parts after acid bath treatment
- pH balancing in industrial waste water treatment plants
- Metalworking and surface treatment industries

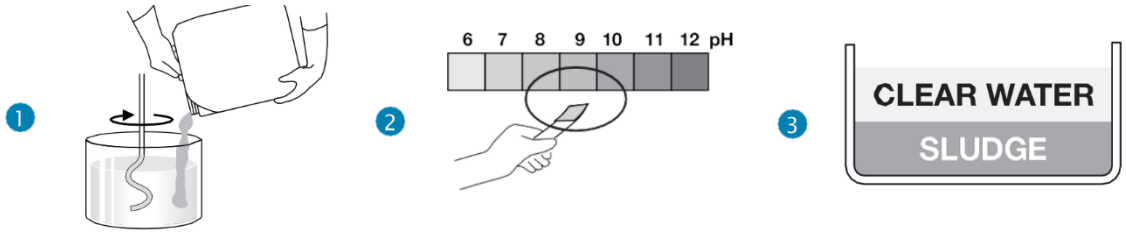
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Technical Properties

Property	Value
Product type	Neutralisation liquid
Appearance	Clear liquid, colourless
Odour	Odourless
pH	> 11
Flash point	Not applicable (non-flammable)
Solubility in water	Fully miscible
Target pH (heavy metal precipitation)	≈ 9.5

Instructions for Use

Metox N-3000 is mixed into the acidic rinse water generated after pickling and passivation and applied with pH control.



1. Collect the waste water in a neutralisation tank. Add Metox N-3000 to the rinse water while stirring.
2. Check the pH with pH paper. The best precipitation of heavy metals (Cr/Ni) is achieved at pH 9.5.
3. The neutralised clear water and sludge must be sent for disposal in accordance with local regulations.

Waste Treatment

- Empty containers (HDPE) should be cleaned and can then be recycled in accordance with local regulations.