

CALCIMAX[®] 450

- ✓ **SAFE**
- ✓ **FAST**
- ✓ **COST-EFFICIENT**

- > Neutralisation of acidic wastewater
- > Treatment of process water and wastewater

CALCIMAX® 450

Safe, fast and cost-efficient neutralisation and treatment of waste water

CALCIMAX® 450 is a concentrated, highly reactive and stable liquid lime for the ecological, economical and safe wastewater treatment and neutralisation.

The low viscosity and excellent water solubility of **CALCIMAX® 450** contribute to its high reaction rate, and allow simple and risk-free handling and dosing while using existing dosing systems.

ADVANTAGES OF CALCIMAX® 450

SAFE

- > Reduced risk profile compared to standard lime or sodium hydroxide
- > Accurate and trouble-free handling and dosing (free flowing, no clogging)
- > Optimises the efficiency of wastewater and processwater treatment
- > No dangerous good

FAST

- > Increases the acid capacity and stabilises the pH for optimum process efficiency
- > Facilitates efficient pH regulation and control
- > Allows precipitation of heavy metals and removal of fluoride and phosphate

COST-EFFICIENT

- > Reduces the consumption of flocculants and stabilises the flocs
- > Optimises anerobic processes by increasing buffering capacity
- > Reduces costs for sludge disposal due to increased dry matter in press residue
- > Ensures simple and more efficient utilisation of waste flows, especially for digestors and biogas plants
- > Stable price level (in contrast to sodium hydroxide)

CALCIMAX® 450 is used for:

- > Neutralisation of acidic wastewater
- > Treatment of process water (hardness, acid capacity)
- > Precipitation of heavy metals, removal of fluoride and phosphate
- > Reduction of operational and disposal costs

CALCIMAX® 450 is used in the following industries:

- > Chemical and petrochemical industry
- > Slaughterhouses and meat industry
- > Milk processors and dairies
- > Food and beverage industry
- > Metal plating and PCB manufacturers
- > Tanneries and leather industry
- > Pulp and paper industry
- > Biogas plants

OUR SERVICE FOR YOU

- ☒ **Comprehensive analysis** in our in-house laboratory
- ☒ **Field trial** and **product change**
- ☒ **Application support, service and monitoring**
- ☒ Supply of **dosing-** and **storage equipment**



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