



Chemipro Caustic

Description: Highly alkaline, chlorinated cleansing powder

Properties:

- Usable in the food industry
- Chelating agents ensure adequate stabilisation of water hardness
- Some foaming may occur when this product is used in circulation systems
- Suitable for various applications in the food industry, including:
 - Meat and fish processing industry: cauldrons, ragout kettles, baking ovens, etc.
 - Fat and oil processing industry: production kettles and storage tanks
 - Potato and starch processing industry: baking ovens and cauldrons

Product details:

- Basic components: Sodium hydroxide, chelating agents, silicates, active chlorine, moisturising agents and emulsifying agents
- Appearance: Coarse white powder
- Storage conditions: -5°C to +25°C
- pH 1% (20°C): Approx. 12
- Solubility: Can be mixed with water in all ratios
- Phosphorous content: 10.88%
- Nitrogen content: 0.87%
- COD value: 70 mg O₂/g product
- Foaming: Slight foaming in use

Material compatibility: Can be used to clean stainless steel and plastics resistant to alkalis and chlorine.

Use instructions:

- When dissolving or diluting, always add the product slowly to the water (never the other way round). Do not add the product to hot water or a hot solution. Risk of heating with sudden, violent superheating. Risk of burns.
- Cleaning procedure for cauldrons, baking ovens, etc.:
 - Pre-rinse, preferably with hot water.
 - Clean with Chemipro Caustic. Fill the utensil to above the soiling level with a working solution of Chemipro Caustic.
 - Application concentration: 2–5%
 - Temperature: Max. 60°C
 - Application time: 1 to 3 hours, depending on the degree of soiling. The application time can be reduced considerably by cleaning heavily soiled spots with a brush.
 - Rinse with water.
- Cleaning procedure for surfaces and heavily soiled floors:
 - Remove coarse dirt and rinse well with water.
 - Clean with Chemipro Caustic.
 - Application concentration: Scatter a thin layer of concentrated powder on the wet floor. Preferably brush in with a scrubbing machine or by hand and allow to work in for 1 to 2 hours.
 - Application time: Can be reduced considerably if the heavily soiled spots are cleaned with a brush.
 - Rinse with water, preferably under high pressure.

Analysis: Titration method:

50 ml sample. Add a pinch of sodium thiosulphate crystals. Add a few drops of methyl orange.

Titrate with 0.5 N HCl until the colour changes from yellow to orange-red.

The percentage of Chemipro Caustic is equal to the number of millilitres of 0.5 N HCl times the titration factor of 0.08.

Safety aspects: See the material safety data sheet (MSDS) for this product for relevant safety information. Always wear personal protection equipment when using cleaning products and disinfectants.

Brouwland

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