

TEHNICAL DATA SHEET NEUTRALIZER PLUS Liquid neutralizer for acid solutions

1. OVERVIEW

This technical sheet refers to the **NEUTRALIZER PLUS** product in the form of a solution with basic (alkaline) properties. The product doesn't attack rubber gaskets, iron, copper, stainless steel or aluminum. **It is not used if there is a galvanized pipe**

2. FIELD OF USE

Neutralization of acid residues left in the installation after cleaning the deposits with acid descalers from the CHEMSTAL range. The use of the product also has the role of passivating (prevents rusting) iron/steel/cast iron elements, until the installation is filled with thermal fluid.

The product is also used to neutralize the used descaling solution resulting from chemical washing, in order to discharge it into the sewer under environmentally safe conditions.

3. BENEFITS

- The product is easy to use, being in a liquid state.
At the working concentration it is non-polluting. It doesn't contain phosphates, borates or nitrates.

4. INSTRUCTIONS FOR USE

- To neutralize acid residues from the boiler/installation, it is used in a concentration of 5% (approx. 0.5kg per 9 liters of water) and recirculated for 10-15 min. the solution through the central / thermal installation with the help of the cleaning pump. Afterwards, the circuit is rinsed with plenty of water until the pH value of the water in the installation is between 7-8.
- To neutralize the used acidic cleaning solution, **NEUTRALIZER PLUS** is dosed according to the remaining concentration of the active substance in the washing solution, monitoring the pH value with the Acidity Test Kit (pH) or the pH-meter up to the value of 6.5-8,5. The residual solution obtained by neutralization does not contain phosphates or other elements that contravene NTPA-002-2002, thus being able to be discharged into the sewage system.

5. LABOR AND ENVIRONMENTAL PROTECTION MEASURES

Product recommended for professional use; Protective equipment must be worn when handling the concentrated solution (anti-acid gloves, protective glasses).

The product contains potassium hydroxide.

The provisions regarding work and environmental safety provided in the safety data sheet will be respected Don't use empty packaging for food storage.

5. TECHNICAL QUALITY CONDITIONS

No.	CHARACTERISTICS	NEUTRALIZER PLUS	
		Provided	Results
1	Appearance	clear yellowish, liquid	clear yellowish, liquid
2	Density at 20° C,min	1,05	1,07
3	pH solution 0,07% in water, min	11	11

PACKING: plastic drums 5 kg and 10 kg.

Warranty period:2 years in storage