

## TEHNICAL DATA SHEET NEUTRALIZER ALCALINE Alkaline neutralizer for acid solutions

### 1. OVERVIEW

**NEUTRALIZER ALCALINE** is a product in the form of powder with basic (alkaline) properties that doesn't attack rubber gaskets, iron, copper, stainless steel or aluminum.

### 2. FIELD OF USE

Neutralization of acid residues left in the installation after cleaning the deposits with acid descaling agents from the CHEMSTAL range. The use of the product also has the role of passivator (prevents rusting) of 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. INSTRUCTIONS FOR USE

#### a. The procedure for neutralizing acid residues from the installation after washing with acid descaling agents

Dilute the product with water at room temperature in a proportion of 1%-4% and circulate the solution in the installation. It is evacuated in the same container in which the used descaling agent used to wash the installation was collected. Rinse with plenty of water.

#### b. Procedure for neutralizing acid residues of used descaling agent

The pH is measured with the acidity test kit (pH) or the pH-meter in the solution resulting from the combination of the used descaling agent resulting from washing and the NEUTRALIZER ALCALIN solution with which the neutralization from point a) was carried out.

If the solution is acidic, it is corrected by adding solid NEUTRALIZER ALCALIN, up to pH 6.5-7.5, after which it is discharged to the sewer.

### 4. 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 trisodium phosphate and sodium carbonate!**

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

### 5. TECHNICAL QUALITY CONDITIONS

No.	CHARACTERISTICS	NEUTRALIZER ALCALIN	
		Provided	Results
1	Appearance	White powder	White powder
2	Density at 20°C, kg/m <sup>3</sup>	0,5-0,7	0,65
3	pH 4% aqueous solution, max	min. 11	12,5

**Packing:** plastic drums at 1 kg and 4 kg.

**Warranty period :** 5 years in storage.