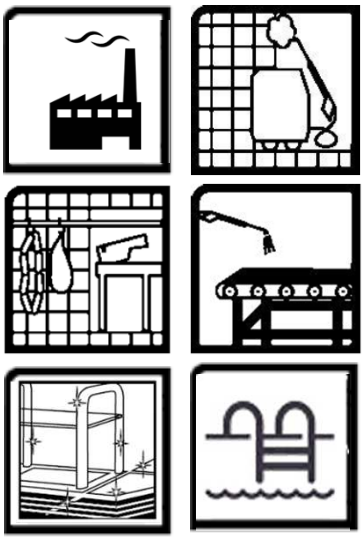
BIS FOAM ACID

Liquid acidic foaming cleaning agent



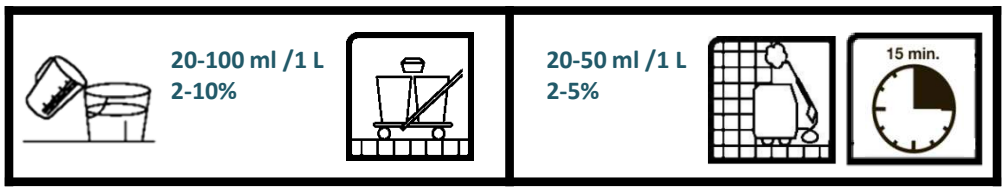
Ingredients: <5 % non-ionic surfactants
Contains: Phosphoric acid (EC: 231-633-2)

Application Area:
Intended for routine cleaning (removal of mineral deposits) of equipment, process machinery, and all acid-resistant surfaces in all sectors of the food industry; professional kitchens; healthcare facilities (surfaces in medical institutions, walls, floors, swimming pools, etc.); as well as for other acidic cleaning tasks in various industrial sectors.

Properties:
Highly effective foaming inhibited agent based on inorganic acid and specially selected surfactants. Its synergistic action provides exceptional efficiency not only in removing mineral deposits (lime scale, rust) but also in eliminating organic soiling (proteins, resinous residues). Non-aggressive on steel, aluminum, plastics, and acid-resistant coatings. Easily rinsed off.
Density: (20°C) ..... 1190 kg/m^3

pH			
1	2	3	4

Product application:
For routine cleaning, use at a concentration of 1–5% with a contact time of 5–30 minutes. For thorough cleaning (sanitation), the concentration can be increased up to 10%. Optimal temperature up to 50 °C. Treated surfaces must be thoroughly rinsed with water.



Proper dosing reduces costs and minimizes environmental impact.
Professional use only

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Determination of working concentration

Titration

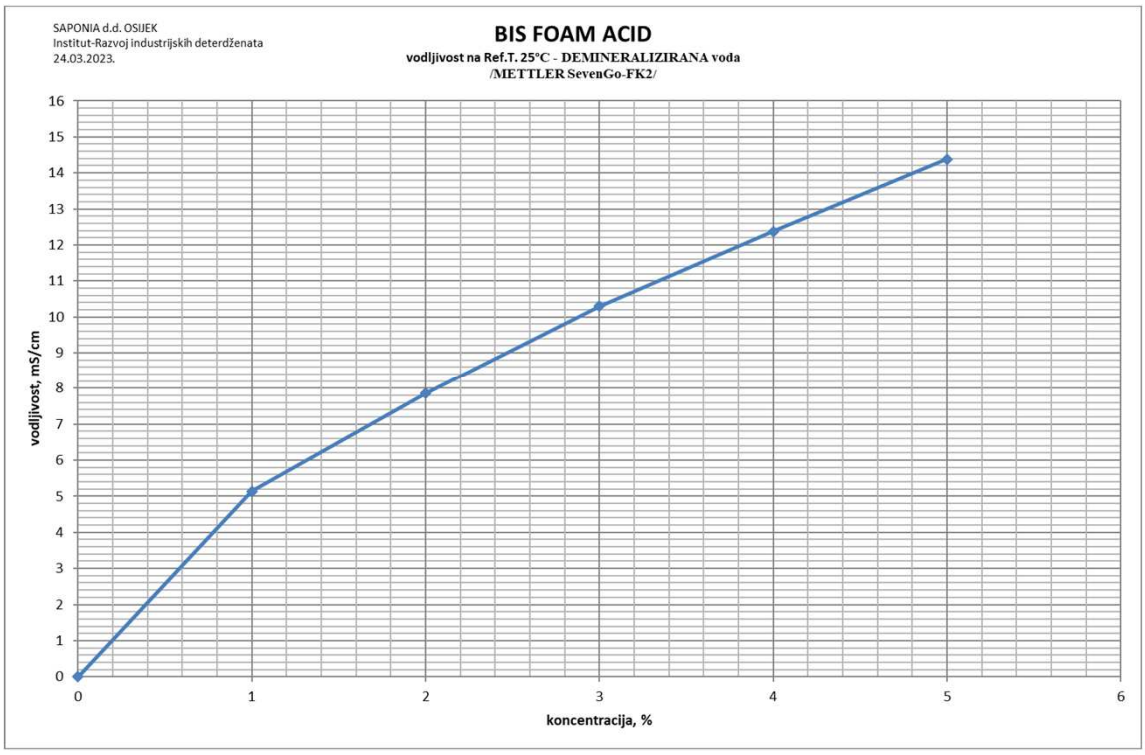
Titrate 10 mL of the working solution with 0.1 N NaOH using phenolphthalein as an indicator (color change from colorless to purple). Calculation factor for concentration: 0.155

U = ml consumed NaOH
U x 0,155 = concentration BIS FOAM ACID (%)

Conductometric Determination

Solutions prepared in demineralized water.

BIS FOAM ACID %	0	1	2	3	4	5
mS/cm (25°C) demineralized water	0,0032	5,14	7,86	10,3	12,38	14,38



Safety advice and storage instructions:

Do not mix the product with other cleaning agents. Complete handling and disposal instructions can be found in the Safety Data Sheet (SDS).Store in the original packaging in a dry and cool place. Protect from freezing. Keep separate from metals, alkalis, metal oxides, and flammable substances.

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