USER INFORMATION

ADDI HYPOSKUM 932

Product definition and application

Highly alkaline liquid foam hypochlorite-containing detergent. Suitable for cleaning surfaces and equipment in the food industry. Effective on protein film.

User instructions

Dosage in foam application equipment: 2 - 5 % Addi Hyposkum (equivalent to 1,7 – 4,3 liters Addi Hyposkum diluted with water to 100 liters).

1. Remove all visible soil.
2. Apply foam and leave on for 10 - 15 minutes.
3. Rinse well with clean water.

Product properties

Foaming ability:	High foaming
Solubility:	Completely soluble at any ratio
Density:	ca. 1,15 kg/l
Viscosity:	ca. 10 mPas
pH:	14 (conc.), ca. 12,5 (3 % solution)
Reactivity:	In contact with acid, toxic chlorine gas develops. In contact with ammonia, toxic gases of chloramines develop. corrodes light metals under the formation of hydrogen gas which can form explosive gas mixture with air.
Corrosion:	Testing is done with a 3 % solution at 20 °C and 12 hours immersion. Stainless steel is not affected. Copper does not corrode but discolors with a reddish color. Aluminum corrodes slightly by practical use, but with the experimental conditions used in the laboratory, aluminum corrodes heavily.

Storing conditions and durability

Store dark and cool, but frost proof. Heat and sunlight reduce the level of available chlorine. Should be used within 1 year after production. Products stored for longer than 1 year, or having been exposed to heat and sunlight, will have a reduced effect.

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Test method

Reagents: 0,1 N Hydrochloric acid
50 % Sodium thiosulfate solution
Thymol blue indicator

Procedure: Add 5 drops of thiosulfate solution to 20 ml solution, mix well and leave it for approximately 30 seconds. Add 2 - 3 drops of the indicator solution and titrate with the acid until color change from blue to yellow end point.

Calculation: % w/w Addi Hyposkum = ml 0,1 N hydrochloric acid x 0,325

Typical conductivity values:

[% w/w]	Conductivity at 25 °C [mS/cm]
1	5,8
2	11,4
3	16,7
4	22,3
5	27,2
6	32,3
7	37,1