PRODUCT INFORMATION MAXIFOAM ACID

LONG CLING ACID FOAM

DESCRIPTION

Maxifoam Acid is a blend of mineral and organic acids, sequestering, dispersing and wetting agents specially designed for use in Food Processing, Beverage and other high care environments. It is designed to provide a high retention foam giving long contact times with the soil. Maxifoam Acid is very effective in the removal of mineral scale and protein build up, as well as fruit and vegetable staining.

Maxifoam Acid is designed primarily for applications in Breweries, Beverage, Dairies and Food Processing plants. Maxifoam Acid is also suitable for use in other high care industries.

USE INSTRUCTIONS

Maxifoam Acid is ideally applied as foam either by high pressure or air induced systems.

In use concentrations of Maxifoam Acid are application dependent and should be established during trials. However, typical concentrations will be between 3% and 10% v/v.

Cleaning temperatures should be optimised during trials.

Maxifoam Acid is not suitable for direct food contact.

The following are typical example applications, users should refer to Cleaning Instruction Cards for specific guidance. Other applications should be discussed with your Holchem Consultant.

Foam Cleaning. Before applying foam detergents it is advisable to remove gross debris then pre-rinse surfaces with water. In typical applications Maxifoam Acid is then applied at 3% to 5% v/v. For very heavy soiling, Maxifoam Acid can be used at up to 10% v/v. However, if Maxifoam Acid is used at low concentrations, foam quality will be poor leading to short contact times. Once applied Maxifoam Acid should be left on surfaces for approximately 20 minutes before being rinsed away with water. Light agitation of the foam with a green pad will improve the removal of very heavy scale build up. As scale dissolves, the acid content of Maxifoam Acid will reduce until it is no longer effective. At this point, for very heavy soiling, it may be necessary to apply a second coating of the foam.

CAUTION: When using / rinsing Maxifoam Acid, it is essential that no chlorinated products are present in the area, drain, or being flushed to a common drain. Contact with chlorinated products will release Toxic Chlorine Gas.

Hand Application. In conjunction with soak baths or utensil sinks, Maxifoam Acid can be used for the hand padding of small items. In these applications foam generation is less important, also long soak times combined with the mechanical action of scrubbing means that lower concentrations of acid are required, therefore in use concentrations are lower than for foam cleaning and are typically in the region of 0.5% to 2% v/v. The use of hot water will aid the removal of soil, but it is not advisable to exceed 45°C (gloves must be worn). During cleaning, protein deposits will tend to peel away as a film, whilst mineral deposits will dissolve slowly. Mineral scales may need repeated applications for full removal, as dissolution of scale uses up the acid.

BENEFITS

- Good soil removal and suspension.
- Blend of acids.
- Clinging, high retention foam.

TECHNICAL DATA

Appearance	Clear, colourless to pale green, non-viscous liquid
Odour	Slight odour
Foam	High stable foam
Specific Gravity at 20°C	1.18
pH (1% solution at 20°C)	1.0 - 2.0
Storage Temperature Range	0°C to +40°C
Shelf Life	Minimum of 2 years under normal conditions
Holchem Classification	

PRODUCT COMPATIBILITY

CAUTION: Contact with chlorinated products will release Toxic Chlorine Gas.

Maxifoam Acid is safe to use on Stainless Steel and most plastics and elastomers. It is not suitable for use on mild steel, soft metals such as Aluminium, Zinc, Copper, or their alloys. Care should be taken with nylon and polycarbonate.

BIODEGRADABILITY

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004. Not expected to Bioaccumulate.

TEST METHODS

DROPPER TEST (ACID TEST KIT)

Reagent		Ref.	Equipment	Ref.
PA1	Indicator	SKS00800-01	5 ml Syringe	SKS00820
ACD3	Alkali Solution	SKS00801-01	Polycarbonate Test Jar	SKS00823

Step	Method
1	Using the syringe, transfer 2 ml of the test solution into the test jar.
2	Dilute with water to about 20 ml.
3	Add 2 to 3 drops of PA1. The test solution should remain colourless.
4	Add ACD3 dropwise, shaking or swirling the bottle after each addition to mix properly, until the solution turns pink. Note the number of drops of ACD3.
	% v/v Product = No. of drops of ACD3 x 0.08

SAFE HANDLING & STORAGE

NOTE: store away from chlorinated products. Keep in original container. Keep containers tightly closed.

COSHH places a duty on employers to assess and control the risks of using hazardous substances. The Safety Data Sheet provides the relevant information about the product to assist with this assessment.

PACKS

The product is available in the following pack sizes:

25 Kg
200 Kg
1000 Kg

GENERAL

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product.

This product is registered with the National Poisons Information Service.

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.

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