Diverclean Sonic

VK73

Unique product for OPC pre-foaming saving time for operators

Description

Diverclean Sonic is an alkaline pre-cleaning agent designed for daily use to reduce the total cleaning time for heavy soiled surfaces in the food industries. The product has been developed for the specific demands of the Processed Food Industry. The unique Diverclean Sonic technology enables a revolutionary way of cleaning allowing a reduction in cleaning time up to 30%, while improving both visual as microbiocidal results. Diverclean Sonic can be applied with existing foam equipment and used as pre-cleaning in the cleaning process. The product has a smooth appearance when applied, exceptional coverage with one coat and an enhanced cling. After the desired contact time Diverclean Sonic can be rinsed off quickly without foam generation.

Key properties

- Diverclean Sonic reduces the pre-rinsing time and will saves water, waste water, energy and especially working time. Tests under various conditions have proven reductions up to 30% cleaning time.
- The foam created by the carefully selected surfactants in Diverclean Sonic will soften the soil and will make the pre-cleaning step much quicker, easier and efficient than a standard procedure using water only.
- Diverclean Sonic has an excellent removal of protein, fat and tallow - containing residues in the pre-rinse phase of the cleaning.
- Diverclean Sonic is well-suited to applications where heavy soiling is encountered: meat plants, poultry processors, and fish processing plants. It is particularly effective against oily soils and fat deposits.

Benefits

- Reduced pre-rinse times, saves water, energy and waste water.
- If Diverclean Sonic pre-cleaning step is used in combination with EnduroPlus, it allows to achieve a much more effective, cleaning and disinfection step in one go. This will make the overall cleaning cycle more efficient. Saving time and resources.
- It eliminates re-application in combination with EnduroPlus and provides better cleaning results.

Use instructions

Use Diverclean Sonic at concentrations between 3-8% v/v, dependent on the type and degree of soiling. For specific details please refer to individual method cards. Which has the following unique characteristics.

Technical data

Appearance:	Clear colorless liquid
pH (1% solution at 20°C):	12.5
Relative density (20°C):	1.14
Chemical Oxygen Demand [COD] (gO$_2$/kg):	90.2
Nitrogen Content [N] (g/kg):	2
Phosphorous Content [P] (g/kg):	0

F&B Diverclean Sonic VK73

Concentration of Diverclean Sonic in w/w%	Conductivity at 25°C in mS/cm
0	0
2	14.4
4	27.9
6	42.3
8	53.4
10	69.9

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet; sds.diversey.com. Store in original closed containers away from sunlight and extremes of temperature.

Product compatibility

Diverclean Sonic when applied at the recommended concentration and temperature is suitable for use on the grades of stainless steel commonly found in the processed food industry. It is unsuitable for use on soft metals such as aluminium and galvanised materials. Always rinse surfaces thoroughly after use (within 1 hour). In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test method

Reagents

0,1 N Hydrochloric or sulphuric acid Phenelphthalein indicator

Procedure

Add 10ml of water and 2-3 drops of indicator solution to 10 ml of the test solution. Titrate with the acid to a colourless end point.

Calculation

% v/v Diverclean Sonic = titre (ml) x 0.30

% w/w Diverclean Sonic = titre (ml) x 0.34