



F&B Acigel

VG7

Acidic gel cleaner

Description

Acigel is an acidic gel cleaner designed for daily and periodic use in the food, beverage and dairy industries.

Key properties

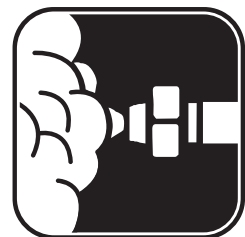
- Acigel is an acid based cleaner which contains a blend of wetting agents and emulsifiers. On dilution with water, a “thixotropic” gel is formed which adheres strongly to surfaces and so increases the contact time available for penetration of soil and scale build-up. The product can be easily rinsed away using a minimum amount of water without leaving any sticky deposits on the surface.
- Acigel is particularly recommended for the removal of hardened protein residues and water hardness scale.
- Acigel can be applied as an aerated gel (foam gel) or as a conventional gel and is suitable for use with a wide range of application equipment.

Benefits

- Effective against hardness and protein scale build-up
- Can be applied onto heated surfaces
- Thixotropic gel provides for maximum contact time
- Application as foam gel assists with visibility
- Free-rinsing, easy to remove from plant surfaces after use

Use instructions

Use Acigel at concentrations between 4-10% v/v, dependent on the type and degree of soiling. For specific details please refer to individual method cards.





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Technical data

Appearance: Clear, brown liquid

pH (1% solution at 20°C): 1.6

Relative density (20°C): 1.2

Chemical Oxygen Demand (COD): 300 gO₂/kg

Nitrogen Content (N): 5 g/kg

Phosphorous Content (P): 95 g/kg

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

Safe handling and storage information

Store in original closed containers or (where applicable) in an approved bulk tank, away from extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Aciclean contains an inhibitor that makes it suitable for use on materials commonly found in the processed food industry, including soft metals such as aluminium, when applied at the recommended concentration and temperature. 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 Sodium hydroxide solution

Phenolphthalein indicator

Procedure:

Add 100ml of water and 2-3 drops of indicator solution to 5ml of the test solution.

Titrate with the sodium hydroxide to a permanent pink end point.

Calculation:

% v/v Acigel = titre (ml) x 0.28

% w/v Acigel = titre (ml) x 0.33

% w/w Acigel = titre (ml) x 0.33

Available pack sizes

Article code & pack size

7509280 - 20L

7509281 - 200L