

# JohnsonDiversey Acigel

## Acidic gel cleaner

# VG7

### 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 (foamgel) 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 foamgel 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.

### Technical data

Appearance	clear, brown liquid
Relative Density at 20°C	1.20
pH (1% solution at 20°C)	1.6
Chemical Oxygen Demand (COD)	300 gO <sub>2</sub> /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, away from extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

### Product compatibility

**Acigel** is suitable for use on materials commonly encountered 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.

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### Test method

Reagents: 0.1N 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

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