

JohnsonDiversey Supergel

General-purpose gel cleaner

VG3

Description

Supergel is a general-purpose, caustic gel cleaner designed for daily use in heavy-duty cleaning applications in the food, beverage and dairy industries.

Key properties

Supergel is based on an effective blend of caustic alkali, organic sequestrant, wetting agents and emulsifiers. On dilution with water, a “thixotropic” gel is formed which adheres strongly to surfaces and so increases the contact time for penetration of heavy soils. The product can be easily rinsed away using a minimum amount of water without leaving any “sticky” residues on the surface.

Supergel is particularly suited to daily cleaning applications where heavy soiling is encountered, such as abattoirs, poultry processors, fish and vegetable processing plant.

Supergel 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 on heavy soiling including fats, starch and proteins
- Can be applied onto heated surfaces
- Daily use helps prevent scale build-up
- Thixotropic gel provides for maximum contact time on surfaces
- Application as foamgel assists with visibility
- Free-rinsing, easy to remove from plant surfaces after use

Use instructions

Use **Supergel** 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, pale brown liquid
Relative Density at 20°C	1.08
pH (1% solution at 20°C)	13.0
Chemical Oxygen Demand (COD)	355 gO ₂ /kg
Nitrogen Content (N)	4.4 g/kg
Phosphorous Content (P)	none

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.

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Product compatibility

Supergel 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: 0.1N Hydrochloric or sulphuric acid
Phenolphthalein indicator

Procedure: Add 100ml of water and 2-3 drops of indicator solution to 10ml of the test solution. Titrate with the acid to a colourless end point.

Calculation: % v/v **Supergel** = titre (ml) x 0.81
% w/v **Supergel** = titre (ml) x 0.87
% w/w **Supergel** = titre (ml) x 0.87

Available pack sizes

Article code	Pack size
7509274	Bulk
5600010	20L
5600124	950L

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