

JohnsonDiversey Powerfoam

Heavy duty caustic foam cleaner

VF4

Description

Powerfoam is a caustic based alkaline foam cleaner designed for heavy-duty and periodic cleaning applications in the food, beverage and dairy industries.

Key properties

Powerfoam contains an optimised blend of caustic alkali, organic sequestrants and high foaming surfactants/wetting agents.

Powerfoam is very effective for removing heavy and baked-on soiling including animal and vegetable fats, starch and proteins. It is recommended for daily cleaning of oil fryers, ovens and smoke chambers and also for the periodic cleaning of heavy soil accumulations from floors, conveyors and other heavy equipment

Powerfoam is suitable for use with a wide range of foam application equipment.

Benefits

- Heavy duty cleaner
- Penetrates even thick and carbonised soil
- Can also be used for soak tank cleaning
- Free-rinsing

Use instructions

Use **Powerfoam** at concentrations between 3-10% v/v depending on the type and degree of soiling. For specific details please refer to individual method cards.

Technical data

Appearance	clear, pale yellow liquid
Relative Density at 20°C	1.26
pH (1% solution at 20°C)	12.7
Chemical Oxygen Demand (COD)	328 gO ₂ /kg
Nitrogen Content (N)	3.5 g/kg
Phosphorous Content (P)	0.8 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 extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Powerfoam 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.

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Test method

Reagents: 0.1N Hydrochloric or sulphuric acid
Phenolphthalein indicator

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

Calculation: % v/v **Powerfoam** = titre (ml) x 0.14
% w/v **Powerfoam** = titre (ml) x 0.18
% w/w **Powerfoam** = titre (ml) x 0.18

Available pack sizes

Article code	Pack size
7509238	20L
7509239	200L
7509987	950L
7509988	Bulk

JohnsonDiversey (UK)
Weston Favell Centre
Northampton NN3 8PD
Tel. 0800 525 525
www.johnsondiversey.com