

# JohnsonDiversey Safeclean

General purpose detergent powder, soft metal safe

# VK2

## Description

**Safeclean** is a mildly alkaline, foaming detergent powder designed for general-purpose use in the food, beverage and dairy industries.

## Key properties

**Safeclean** contains a blend of silicated alkali, sequestrant and high-foaming surfactant/wetting agent. It is supplied in a convenient powder form that dissolves readily in water to provide an effective cleaning solution for multi-purpose use on floors, walls and all food contact surfaces. The carefully selected blend of ingredients assists soil suspension and prolongs the life of the use-solution.

**Safeclean** is a mild formulation that is suitable for use on most types of surface including plastics and soft metals, such as aluminium.

**Safeclean** is suitable for manual use with a cloth, brush or abrasive pad and can also be used for soak tank applications.

## Benefits

- Multi-purpose cleaner
- Effective on all types of food soiling
- Suitable for use on plastics and soft metals
- Mildly alkaline, suitable for manual use and soak cleaning
- Non-perfumed product

## Use instructions

Use **Safeclean** at concentrations between 0.5 - 5 % v/v, dependent on the type and degree of soiling. For specific details please refer to individual method cards.

## Technical data

|                              |                         |
|------------------------------|-------------------------|
| Appearance                   | white powder            |
| Bulk Density                 | 0.90                    |
| pH (1% solution at 20°C)     | 11.7                    |
| Chemical Oxygen Demand (COD) | 110 gO <sub>2</sub> /kg |
| Nitrogen Content (N)         | none                    |
| Phosphorous Content (P)      | 45 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 in a cool, dry place. 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

**Safeclean** 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: 0.1N Hydrochloric or sulphuric acid  
Phenolphthalein indicator

Procedure: Add 2-3 drops of the indicator solution to 5ml of the test solution. Titrate with the acid to a colourless end point.

Calculation: % v/v **Safeclean** = titre (ml) x 0,28  
% w/v **Safeclean** = titre (ml) x 0.25  
% w/w **Safeclean** = titre (ml) x 0.25

### Available pack sizes

| Article code | Pack size |
|--------------|-----------|
| 7509284      | 25 kg     |

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