

JohnsonDiversey Shurehand MasterKleen

Hand Use Detergent

Description

Shurehand MasterKleen is a high foaming detergent suitable for use through all types of foam equipment including pressure pot and venturi systems.

Shurehand MasterKleen is particularly effective in the removal of fat, protein, blood and other food soils.

Shurehand MasterKleen combines a blend of alkaline materials, surfactants, dispersants to provide soil penetration, removal and suspension properties in a free rinsing formulation. In addition, **Shurehand MasterKleen** contains a chlorine donor to aid fat and protein removal.

Shurehand MasterKleen is compatible with stainless steel, soft metals and plastics normally found in food and beverage processing applications and is tolerant of water hardness up to 250ppm as CaCO₃.

Benefits

High foaming.

Particularly effective in the removal of grease and fat soils.

Soft metal safe.

Use instructions

Shurehand MasterKleen is used as a solution in water at concentrations between 2% v/v and 10% v/v. **Shurehand MasterKleen** may be applied by soak, spray and foam methods. For foam cleaning applications, **Shurehand MasterKleen** must be applied through pressure pot or venturi foam cleaning systems. In use solutions should not be applied to hot surfaces or prepared in water above 50°C or left on surfaces longer than 20 minutes.

Technical data

Appearance	A clear colourless to pale amber liquid
Specific gravity	1.12 (typically)
Available chlorine(1% v/v)	200ppm
pH (1% v/v)	11

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.

Test method

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Reagents:

0.1N Sodium thiosulphate

Potassium Iodide

Glacial acetic acid

Starch Indicator solution

Method

1. Place a 50ml sample of the in use solution in a suitable sized flask.
- 2 Add about 2g of potassium iodide and about 10ml of glacial acetic acid. Titrate with 0.1N sodium thiosulphate solution. As the colour begins to fade, add a few drops of starch indicator solution, this will turn the solution blue.
3. Titrate further until a colourless endpoint is reached. Note titre T ml.

Calculation:

$$\text{Available chlorine} = \frac{T \times 0.3546 \%Av Cl_2}{50}$$

Available pack sizes

Please contact you local representative for pack sizes.

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