

JohnsonDiversey LQ 94

LQ 94

Description

LQ94 is an highly alkaline low foaming hard water tolerant liquid detergent

Key properties

- LQ94 can be used across all Food & Beverage CIP applications and in some instances in heat process plants
- Contains a high proportion of low foam wetting agents, enhance suspending capabilities and suppresses foam
- Contains stoichiometric and threshold sequestrants
- Can be used for cleaning HTST plants in dairies, creameries and paraflows in breweries
- Is also suitable for the removal of fats and oils in Processed Food CIP, tray, crate and mould cleaning applications particularly in hard water
- Freezing range -2° to 5°C
- Conductive liquid detergent solution

Benefits

- Single blended product, reducing application complexity
- Controls problematic foam, prevents pump cavitations & improves cleaning efficiency prevents redistribution of soil
- 1% solution controls up to 400ppm as CaCO₃
- One product fits all
- Provides highly effective removal of most organic soiling and controls scale deposition
- Lagging and trace heating not as critical as for concentrated caustics
- Automatic monitoring, dosing and control of in-use concentrations.

Use instructions

Brewing and Beverage applications: 1.0 - 3.0%w/w as caustic (2.5 - 7.6%v/v as product)

Dairy & creamery applications: 0.5 - 2.5%w/w as caustic (1.3 - 6.3%v/v as product)

Processed food application: 0.11 - 0.23%w/w as caustic (0.3 - 0.6%v/v as product) - for hard water only

Above are typical concentrations for use after rinsing off gross debris.

Solutions of LQ94 should always be rinsed off all food contact surfaces.

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Technical data

Appearance:	Clear colourless to pale yellow liquid
Density (20°C):	1.34
pH (1 % solution at 20°C):	>12.5
Chemical Oxygen Demand (COD):	57 g O ₂ /Kg
Nitrogen Content (N):	5.6 g/Kg
Phosphorous Content (P):	3.1 g/Kg
As Product v/v	Conductivity at 25°C (mS)
0.5	8.8
0.8	19.2
1.8	35.8
2.5	50.1
3.3	66.9
4.3	83.9

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in an approved bulk tank, away from extremes of temperature. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

For professional use only.

Product compatibility

LQ94 is safe for use on materials commonly found in the food & beverage industry when applied under the recommended conditions. 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 10 mls of the test solution. Titrate with acid until colourless end point
Calculation:	% w/w LQ94 = Titre (mls) x 0.14 % v/v LQ94 = titre (mls) x 0.10

Available pack sizes

Article code	Pack size
6090043	Bulk

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