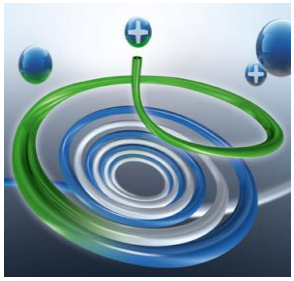
CIRCHLOR (NZ)

Chlorinated Liquid Cleaner



Description

Circhlor (NZ) is a non-foaming liquid that cleans, brightens and deodorises food and beverage equipment; additive to alkaline detergent solutions.

Chemical & Physical Properties

• **Appearance:**	Clear Liquid
• **Specific Gravity:**	Approx. 1.2
• **Flammability :**	Non Flammable
• **Solubility in Water:**	Soluble
• **pH:**	Approx. 13 Neat

Application & Method Of Use

Application:

- Circhlor (NZ) is a chlorinated liquid product designed for brightening stainless steel surfaces, whitening rubber conveyor belts, peptizing difficult protein deposits and other food residues and deodorising in food, beverage and pharmaceutical plants. It is ideal for medium-duty circulation-in-place or portable spray applications. The material also can be applied in spray washers and by manual methods.

- Circhlor (NZ) is also highly suited as an additive to cleaning solutions where its peptizing, brightening and/or deodorising properties may be used to advantage. Circhlor (NZ) is authorised by the USDA for use in federally inspected food plants included the cleaning and destaining of egg shells.

Method of Use:

- **For Cleaning, Brightening, Deodorising:** Circhlor (NZ) is used between 1 and 10% by volume of water from 20o to 60oC either by circulation-in-place, spray, immersion or manual brushing. A typical circulation-in-place procedure would be:

  1. Pre-rinse equipment with water at 40 – 50oC.
  2. Apply a solution of Circhlor (NZ) at 1 – 10% by volume.
  3. Circulate and/or soak at 60oC for 20 to 30 minutes.
  4. Fresh water rinse.
  5. Where sanitised surfaces are required, sanitise immediately before start-up, with a recommended sanitising solution.

- **For Egg Shell Cleaning and/or destaining:** Use Circhlor (NZ) at 2 to 15 g/l with temperature no higher than 50oC.

- **As an Additive:** As an additive to alkaline solutions Circhlor (NZ) is normally added between 1 and 5% by volume of the entire solution at temperatures up to 60oC.

Issue Date: 01.02.2015

664 Rosebank Road
Avondale, Auckland
New Zealand, 1026

P.O. Box 15783
New Lynn, Auckland
New Zealand, 0640

Ph: (09) 820 3888
Fax: (09) 820 3979
Email: nzadmin@chemetall.com
Orders: nzsales@chemetall.com

Chemetall (New Zealand) Limited
www.chemetall.co.nz

A Business Unit of ALBEMARLE

CIRCHLOR (NZ)

Chlorinated Liquid Cleaner

Solution Control: Concentrations are determined as follows:-

1. Take a 10ml sample of solution
2. Add a few drops of phenolphthaleine Indicator.
3. Titrate with 0.1N acid until colourless.

No. of mls. x 0.38= % Circhlor (NZ) by Volume

Circhlor (NZ) should not be used with or come into contact with highly acidic solutions; such a combination will react to produce rapid release of the available chlorine.

Dilution Ratio

- See Application and Method of Use above.

Precautions

Refer to Hazard Identification as per Safety Data Sheet.

Safety, Transport & Storage Information

Please refer to Safety Data Sheet.

Packaging

Available in 20L container. Containers non-returnable.

Issue Date: 01.02.2015

664 Rosebank Road
Avondale, Auckland
New Zealand, 1026

P.O. Box 15783
New Lynn, Auckland
New Zealand, 0640

Ph: (09) 820 3888
Fax: (09) 820 3979
Email: nzadmin@chemetall.com
Orders: nzsales@chemetall.com

Chemetall (New Zealand) Limited
www.chemetall.co.nz

A Business Unit of ALBEMARLE