



F&B EnduroChlor

VE5

Self foaming extended contact chlorinated cleaner

Description

EnduroChlor is a liquid chlorinated medium alkaline high retention cleaner designed for daily environmental cleaning in a wide range of heavy duty cleaning applications in the food, beverage and dairy industries.

Key properties

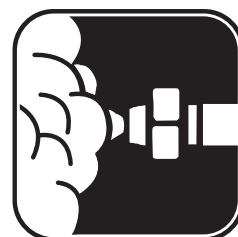
- EnduroChlor is a liquid heavy duty, extended contact, chlorinated alkaline cleaner designed for environmental cleaning in a wide range of food and beverage processing operations.
- EnduroChlor is a completely new 'Thixofoam' technology. When applied, EnduroChlor clings to vertical surfaces to provide extended contact time and excellent penetration of stubborn soils.
- EnduroChlor is well-suited to applications where heavy soiling is encountered: meat plants, poultry processors, fish and vegetable processing plants. It is particularly effective against oily soils and fat deposits.
- EnduroChlor will provide similar application characteristics and the visibility of a foam detergent. It will also provide the extended retention times and improved cleaning that are characteristic of a gel solution. After the desired contact time, EnduroChlor foam freely rinses and collapses into drains in a fraction of the time of traditional foams.

Benefits

- Extended contact time: eliminates re-application, and provides better cleaning.
- Single application: increases worker productivity; uses less product.
- Fast rinse/collapse: reduces labour, saves time and water, produces less waste water.
- Free rinsing: leaves a clean, water break free surface.

Use instructions

Use EnduroChlor at concentrations between 2-10% v/v, dependent on the type and degree of soiling. For specific details please refer to individual method cards.





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Technical data

Appearance: Clear, pale yellow liquid

pH (1% solution at 20°C): 12

Relative density (20°C): 1.18

Chemical Oxygen Demand (COD): 98.5 gO₂/kg

Nitrogen Content (N): 0.9 g/kg

Phosphorous Content (P): 6.3 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 extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

EnduroChlor is suitable for use on materials commonly found in the processed food industry, when applied at the recommended concentration and temperature.

EnduroChlor is not safe on aluminum or galvanized parts. 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:

0.1 N Hydrochloric or sulphuric acid

0.1 N Sodium thiosulfate

Phenolphthalein indicator

Procedure:

Add approx. 10ml of 0.1N sodium thiosulfate to 10ml of the test solution, mix well and allow to stand for about 30 seconds. Add 2-3 drops of the indicator solution and titrate with the acid to a colourless end point.

Calculation:

% w/w EnduroChlor = titre (ml) x 0.64

% v/v EnduroChlor = titre (ml) x 0.55