

Technical Bulletin

Alkochlor

Potassium Based Chlorinated CIP Cleaner

Product Description:

Routine use of ALKOCHLOR is indicated where the desire is to render all inanimate surfaces for which the product is recommended, both physically clean and free from most common bacteria. ALKOCHLOR is a complex of synthetic detergent types, which exhibit superior wetting, penetrating and chemical degradation of common soils, oils and greases. ALKOCHLOR wets the surface to be cleaned and penetrates the soils to be removed from it, lifts the soils into solution and holds the soils in suspension in the liquid so that rinsing can be affected very thoroughly. In addition, ALKOCHLOR has been provided with a potassium based alkaline booster which enables the product to go on cleaning long after ordinary detergents are exhausted. The formulation has been built with special water-conditioning agents to ensure that its bacterial and detergency characteristics are retained in waters up to 200 parts per million total hardness.

ALKOCHLOR is effective against a wide range of micro-organisms including Gram-positive and Gram-negative bacteria such as *staphylococcus aureus*, *Pseudomonas aeruginosa*, the *Shigella* species, *Escherichia coli*, etc and against yeasts (eg. *Hansenula*), moulds (eg. *Aspergillus niger*), fungi (eg. *Trichophyton* species), and the tubercle bacillus, *Mycobacterium tuberculosis*.

Application:

ALKOCHLOR is designed for use in food processing areas, where it is necessary to sanitise and remove organic soils such as meat fats and grease from hard floor surfaces.

ALKOCHLOR may be used at a dilution of between 4 and 2% (1:25 to 1:50) for washing a wide variety of surfaces such as floors, walls, partitions, equipment, furniture, machinery, stoves, refrigerators, etc. Because the product is alkaline boosted it is not recommended to be used in situations where hands come into prolonged contact with the solution, such as hand dish washing operations.

Operator:

Because of their combined de-fatting and oxidising action ALKOCHLOR solutions may cause irritation of the skin. It is therefore recommended that rubber gloves be worn in manual cleaning operations.

ALKOCHLOR solutions should not be stored in tanks constructed of aluminium, cast iron, tinned iron or steels. They can be stored with complete safety in ceramic ware, rubber, durachlor, concrete, stoneware and glass. At normal use-dilutions ALKOCHLOR solutions are non-corrosive to stainless steel, tinned copper, tinned iron, glass or most other surfaces commonly used on food processing equipment.

NOTE: ALKOCHLOR solutions cannot be used where prolonged contact with aluminium surfaces is required.

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Food Safety Statement/Fitness For Purpose:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

- 1) The raw materials / ingredients of this product are permitted as processing aid as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or
- 2) Are Generally Regarded As Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.
- 3) An FFP - Fit For Purpose Statement is available for this product when used in an export meat facility.

When used in accordance with the directions described in this product technical bulletin, this product complies with these recognised food safety parameters.

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 6 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.

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