

Technical Bulletin

RECESS

Chlorinated Foaming Detergent

Product Description:

Routine use of RECESS 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. RECESS is a complex of synergistic detergent types providing an unusual detergent system which exhibits superior wetting, penetrating and chemical degradation of common soils and greases. RECESS 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 effected very thoroughly. RECESS contains no phosphates. RECESS removes and suspends soils so thoroughly that subsequent rinsing with fresh water is unnecessary and may be eliminated. In addition, RECESS has been provided with an 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.

BACTERIAL ACTIVITY

RECESS 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*. There is much written evidence that active chlorine as hypochlorous acid in solution is viricidal. However, because of the difficulty of carrying out viricidal testing in Australia it is felt that it would be judicious if this claim is not made for RECESS until it can be proved.

ANTI-ODORANT ACTIVITY

In addition to the anti microbial features of RECESS the formulation provides significant anti-odorant activity. RECESS chemically negates many obnoxious or unacceptable odours arising from bacterially promoted putrefactive processes. Unlike other formulations in which chlorine is employed as the anti microbial agent RECESS has a low odour-level which had been described as "most acceptable" by operators. The product leaves no residual odour of its own.

Application:

Schools, hotels, motels, institutions, public buildings, nursing homes and industrial plants have application for a product with RECESS performance characteristics.

RECESS may be used undiluted or at a dilution of 1:1 to 1:40 for washing a wide variety of surfaces such as floors, walls, partitions, equipment, furniture, machinery, stoves, refrigerators, showers and toilet bowl 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 RECESS solutions may cause irritation of the skin. It is therefore recommended that rubber gloves be worn in manual cleaning operations.

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Equipment:

RECESS 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 RECESS solutions are non-corrosive to stainless steel, tinned copper, tinned iron, glass or most other surfaces commonly used on food processing equipment.

NOTE: RECESS solutions should not be used where prolonged contact with aluminium surfaces is required.

Food Safety Statement:

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 aids' 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.

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. **Page 2 of 2**

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