

Technical Bulletin

Caustic Kleen

CIP Detergent for food and Drink Processing Equipment

Product Description:

A high alkaline, low foaming liquid, CAUSTIC KLEEN is designed to remove proteinaceous soils from food and drink processing and packaging equipment and the surrounding work areas. Caustic CAUSTIC KLEEN offers the following highly desirable benefits:

Tough Cleaner Characteristics Assist Safe Food Manufacturing.

With food safety still being the Industry's number one concern, CAUSTIC KLEEN is built to heavy duty, high performance standards. Sodium hydroxide is the active ingredient behind CAUSTIC KLEEN'S powerful cleaning force, which saponifies fat, dissolves protein, and removes carbonized and greasy soils. CAUSTIC KLEEN attacks food soils such as sugar, fat, protein, salt, or any combination of these...removing them quickly and efficiently.

Synergistic surfactant technology

CAUSTIC KLEEN incorporates chelatents, and surfactant developed to work in synergy with the highly caustic nature of CAUSTIC KLEEN thus increasing the efficiency of clean. All this means maximum cleaning power for your plant and equipment.

Aggressive Cleaning Even When Hard Water is used

While water is essential to cleaning nearly any food processing equipment, it alone is not a very efficient cleaning substance. Sodium glucaheptonate is added to CAUSTIC KLEEN as a chelating agent to attack build ups of calcium and iron which commonly occur when hard water is used.

Low Foaming.

CAUSTIC KLEEN's low foaming characteristic means less foam, less time to rinse. No clogged equipment and no pump cavitation. CAUSTIC KLEEN provides labour and time savings! Add further economy due to CAUSTIC KLEEN being effective at an in-use dilution of 1-3%, depending on soil loading

Versatile

Use CAUSTIC KLEEN in CIP applications, through foamer and pressure spray equipment, in soaking and manual cleaning operations. CAUSTIC KLEEN is also an excellent smokehouse cleaner and may also be used for General Surface cleaning of floors and walls in processing areas.

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Application:

Some individuals may be sensitive to ingredients in this product. Before use, read product label and SD sheet. If questions remain, consult your employer or a physician.

Do not mix with chemicals not specified on the product label.

Do not use on aluminium or other soft metals.

Clean-In-Place (CIP):

Dilute CAUSTIC KLEEN 1%-3% Circulate through system. Rinse thoroughly with potable water.

General Surface Cleaning:

Dilute CAUSTIC KLEEN 1%-3%. Apply to floors, walls and other surfaces. Agitate if required. Rinse thoroughly with potable water.

Caustic Kleen is packaged in 1000Ltr IBC.

Food Safety Statement:

- 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 12 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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