

Technical Bulletin

Zip Safe

Non DG, Alkaline CIP Detergent

Product Description:

An alkaline, low foaming liquid, ZIP-SAFE is designed to be suitable for use in industrial CIP (clean in place) applications. Designed to remove or clean soil from food processing and packaging equipment and the surrounding work areas. ZIP-SAFE is economical and classified as 'non DG' (ADGC Australian Dangerous Goods Code) for transportation / use. ZIP-SAFE is suitable for use in the winery, soft drink, brewing, dairy and food industries. ZIP-SAFE offers the following highly desirable benefits:

TOUGH ALKALINE FORMULAS ASSISTS SAFE FOOD MANUFACTURING:

With food safety still being the Industry's number one concern, ZIP-SAFE is formulated to high performance standards ensuring fast and effective removal of fats and proteins.

EFFECTIVE 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. ZIP-SAFE contains chelating agents to attack build ups of calcium and iron which commonly occur when hard water is used and anti-deposition agents to maximise efficiency against scale type soils.

LOW FOAMING:

ZIP-SAFE's low foaming characteristic means less foam, less time to rinse. No clogged equipment and no pump cavitation. ZIP-SAFE provides labour and time savings!

ENVIRONMENTALLY RESPONSIBLE:

Formulated with concern for the environment, ZIP-SAFE is Chlorine, caustic and phosphate free, contains no butyl, No perfume and is non-flammable.

Application:

Some individuals may be sensitive to ingredients in this product. Before use, read product label and SDS sheet. If questions remain, consult your employer or a physician. Do not mix with chemicals not specified on the product label. Not recommended for use on aluminium and alloys:

CLEAN-IN-PLACE / SOAKING / BOIL OUT:

Dilute ZIP-SAFE to between 0.5 and 2.0% for CIP applications. Circulate through system. Rinse thoroughly with potable water. For more specific instruction, particularly relating to soil types and speciality cleaning, please refer to your Castle Technical representative.

ZIP-SAFE is packaged in 1000Ltr IBC's; recyclable HDPE 200Lt & 25Lt drums

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 24 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 1 of 1**