

Technical Bulletin

Alakafoam

Heavy Duty Synthetic Detergents for Cleaning/Degreasing

Product Description:

ALKAFOAM is a blend of concentrated synthetic detergents formulated specifically for food industry packing plants for the solubilisation and removal of soils, greases, animal and poultry fats, and vegetable oils. Pale red in colour, ALKAFOAM has no objectionable odour. Designed to tackle tough cleaning and degreasing jobs, ALKAFOAM offers the following user benefits:

Fast, foamy, soil grease and oil release action:

ALKAFOAM is a blend of extremely heavy duty synthetic detergents, foam builders and a special booster for excellent hard water tolerance. When applied with a Foam Gun, ALKAFOAM produces thick, alkaline foam which has extraordinary wetting and grease lifting / detergent ability.

Most ordinary cleaners can emulsify greases and fats, but ALKAFOAM has a unique lifting action that actually brings the soils to the surface allowing them to be rinsed away. Animal fats, grease, blood and food soils roll away! ALKAFOAM leaves no insoluble residues on quarry tile and other cleaned surfaces.

Formulated with environmental needs in mind:

Phosphate free. Biodegradable. ALKAFOAM contains no ingredients known to harm the environment.

User friendly:

No butyl solvent. No perfume. Non flammable. ALKAFOAM has no VOC's (Volatile Organic Compounds). No fumes or unpleasant odours, even when used with very hot water.

Surface safe:

Safe for use on all hard surfaces not harmed by water. ALKAFOAM will not harm glass -- will not remove paint or decals. A corrosion inhibitor in ALKAFOAM protects metal. Safe to use on aluminium at concentrations, up to two parts of water to one part of ALKAFOAM.

Versatile:

ALKAFOAM works well in hot or cool cleaning conditions, the blend of alkalinity, surfactant and solubilisers has been formulated with due consideration of temperature and CMC (Critical Micelle Concentration) and so, is active from ambient temperatures in hard or soft water, temperature will of course always assist, particularly with greasy soils. Use at lower temperature may need consideration of contact time and optimised agitation. A special "booster" ingredient in ALKAFOAM neutralizes even very hard water.

Economical:

Used at the recommended 1:20 dilution, ALKAFOAM is economical and competitively priced. In fact, controlled comparative testing shows ALKAFOAM offers superior cleaning ability to several higher priced products.

ALKAFOAM is packaged in 1000Ltr IBC; recyclable HDPE (High Density Polyethylene) 200L, 25Ltr drums.

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Application:

The foaming nature of ALKAFOAM gives unique opportunities to maximise detergent contact time in some unique situations as well as more traditional foam on applications. For example:

Step by step, daily Poultry process / meat room, cooler and display case:
(Laminated maintenance chart is available)

MEATROOM DAILY CLEANING AND DEGREASING WITH FOAM GUN:	
1	Check floor drain and clear of debris.
2	Remove or cover all food.
3	Manually pick up or scrape away heavy soils from surfaces and equipment. For large areas, use high pressure sprayer hot water to assist with removal of greasy / oil soils.
4	Fill Foam Gun bottle. Insert tan metering tip to provide 1:20 dilution (500ml / 10L). Screw on lid and attach nozzle. Connect Foam Gun to hot water hose.
5	Foam ALKAFOAM onto all washable surfaces and let set for 5 minutes. Agitate as necessary. Do not allow foam to dry.
6	Rinse thoroughly using hot water and high pressure sprayer or garden hose.
7	Let surfaces air dry. Tilt tables and other movable equipment to remove excess water. Do not wipe dry.

General cleaning of floors, walls and other surfaces:

Mix one-part ALKAFOAM with 20 parts hot water (500ml / 10L.). Either foam onto floor or apply to surface using mop, sprayer, sponge or cloth. Agitate with abrasive pad or brush to remove heavy accumulations of vegetable oil, animal fat and grease. Thoroughly rinse cleaned surface.

To clean utensils, filters, equipment parts:

Mix one-part ALKAFOAM with 20 parts hot water and soak in bucket or sink. Scrub with abrasive pad, brush or sponge if necessary. Rinse thoroughly.

System testing:

A simple drop test titration kit is available for testing the in-use concentrations of ALKAFOAM.

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 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.
- 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 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.

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