

# Technical Bulletin

## BreakThru

### Heavy Duty Liquid Detergent for Removal of Fatty Soils from Hard Surfaces

#### Product Description:

Clear, pale, straw coloured liquid, which appears slightly milky on dilution. BREAKTHRU is a highly alkaline water based liquid, containing blends of anionic detergents. It is a product developed for the fast and safe removal of fats and greasy soils from floor, walls and equipment in food processing areas.

BREAKTHRU is described as a 'Quick Break Detergent' and has been tested to break within the 60 minute parameter.

MADE TO CUT GREASE IN MEAT CUTTING ROOMS...BREAKTHRU. It's specially formulated to cut animal fats, and what a job it does! BREAKTHRU - now ready to go to work on hard surfaces...wherever grease is a problem.

It takes a special grease cutting formulation to break through grease barriers and get hard to clean surface clean. Castle Chemicals BREAKTHRU penetrates, lifts and dissolves grease and soil deposits. It's a true heavy duty cleaner which gets hard surfaces clean without hard scrubbing. Cleans up in minutes instead of hours. Castle Chemicals BREAKTHRU degreasing cleaner, not only gets commercial and institutional washable surfaces and equipment clean, but does it fast and easy! A hot water rinse completes the job. BREAKTHRU is ideal for walls, floors, equipment where a heavy duty cleaner can be used. There's no grit or abrasives to scratch surfaces, and you can choose the cleaning method that best suits your needs.

1. BREAKTHRU is designed for use in food processing areas, where it is necessary to remove organic soils such as meat fats and greases from hard surfaces.
2. BREAKTHRU rapidly penetrates soils and displaces these from the surface to be cleaned.
3. BREAKTHRU effectively emulsifies and disperses soils, thus preventing redeposition of the soils back onto the clean surface.
4. BREAKTHRU rinses freely and thoroughly.
5. Because of the efficient cleaning and free rinsing properties of BREAKTHRU, no slippery and hazardous residues are left on surfaces, such as ceramic tiles, quarry tiles, concrete and vinyl.
6. BREAKTHRU is equally effective in both hard and soft water.
7. BREAKTHRU is safe to use on all hard surfaces at recommended dilutions.

NOTE: BREAKTHRU should not be used on Aluminium.

AQIS Approved under category 1 for use as a general cleaner Type A



#### Certificate of Halal Compliance

Certificate Reference No:  
CCPL-2607201/C1/Y1

see [www.halal-australia.com.au](http://www.halal-australia.com.au) for more information

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## Application:

### Manual Floor and Walls

Dilute BREAKTHRU 1:80. 12 gms per litre into bucket of hot water. Mop or swab areas, then rinse.

### Cleaning Equipment

Dilute 1:30 BREAKTHRU to hot water depending on concentration of fats. Soak equipment in solution. Scrub with brush and rinse.

### Canopies and Fans

Apply BREAKTHRU through hand sprayer at a dilution of 1:8.

### High Pressure Sprayer

1. Cover or remove all food from area prior to use.
2. Dilute 1:5 with hot water.
3. Spray surface until wet. Spray close enough to surface for pressure of spray to be effective.
4. Rinse off with hot water.

May cause skin irritation in concentrated form. In case of contact flush with water. If irritation persists seek medical advice. Avoid prolonged contact of undiluted product with skin. Avoid inhalation during spraying. Wear rubber gloves for manual cleaning. Keep out of reach of children. Keep lid on when not in use.

### Shower Rooms

BREAKTHRU'S hard working foam penetrates and lifts off body oils, soap scum, including built up deposits on tile grouting. Rinsing leaves surfaces bright and clean.

### Floors

BREAKTHRU for commercials, institutional and industrial floors that require a heavy duty cleaner. Gets hard surface flooring cleaner than ever before. It cuts through ground in deposits of fats, grease, foods and oils.

### Trucks

BREAKTHRU really cleans up. Both exterior and cargo interiors. It removes heavy coatings of grease, grime, cargo deposits from floors and sides, and takes off accumulated ground in deposits off accumulated ground in deposits of fats, grease, food and oils.

### Recreation

BREAKTHRU clean up fast in locker rooms, rest rooms, showers, swimming pools. It removes body oils, soap scum, dirt film and rinses sparkling clean

### Food Processing

BREAKTHRU solves greasy clean up problems in production areas: potato chips, pizza, bakery, fish products, sausage etc. It even strips off build up grease in smoke houses.

### Meat Cutting

Applied as a hot foam, Castle Chemicals BREAKTHRU attacks grease, fats, bone marrow and tissue. It lifts off the heaviest deposits in one application. It gets surfaces clean without hard scrubbing.

### Transportation

Road dirt, salt, oil, exhaust film, all strip off with BREAKTHRU. Ideal for cleaning interior floors, walls and ceilings of buses and for the removal of cargo grease and deposits from trucks.

Solutions, Chemistry, Service

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## Supermarkets

BREAKTHRU cuts through ground in food deposits on floors. Cleans up equipment, dirty shopping carts, food preparation machinery, counters and display bins. It does a great job cleaning dirty waste disposal areas.

## Restaurants

For spills and stains on floors, counters, tables, greasy utensils, stoves, grills, griddles, exhaust hoods and ducts. There's nothing like BREAKTHRU. It does a thorough job...gets things bare surface clean.

## Municipalities

BREAKTHRU is power packed for clean ups of hard surfaces in jail cells, garages, equipment repair centres, vehicle and machinery that off the shelf cleaners can't match it's fast heavy duty cleaning action.

## 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) This product has been approved by AQIS for use in Export Meat facilities as a general cleaner Type A
- 2) 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
- 3) 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.