

# Technical Bulletin

## Superior

### Enzyme Active Laundry Powder with Eucalyptus

#### Product Description:

SUPERIOR is a bulk non dusty synthetic laundry powder, containing highly active yet low foaming detergents, optical brighteners and soil suspending agents, oxygen releasing bleach, eucalyptus oil **and added enzyme action.**

SUPERIOR is suitable for low or high temperature laundering. The natural eucalyptus oil imparts a clean fresh smell to the finished load & builds solvency to improve cleaning

#### Application:

Recommended for all large commercial laundering as well as smaller operations such as nursing homes, colleges, motels and hotels. SUPERIOR is suitable for TOP & FRONT loader machines.

Most laundries follow set procedure to suit their particular need in break wash and bleach cycles. It is generally recommended that SUPERIOR be used in quantities varying from 75 - 200 g per 12 - 25 kg load. The quantities may need to be increased in areas where the water is exceptionally hard. Domestic front-loading machines require between 50 and 100g per 12kg for light to medium soils.

#### 1. Concentrated

The highly economical aspect of using SUPERIOR is obvious when only 1/4 the quantity is required to do the same work as that suggested for fluffed or spray dried.

#### 2. Biodegradable Surfactants

Non polluting and therefore ecologically safe

#### 3. Stops Greying

The soil suspending agents together with selected optical brighteners prevents redeposition of soil in the wash cycle.

#### 4. Eucalyptus Oil

Assists in the grease cutting action due to solvency.

#### 5. Added Enzyme Action

For the improved removal of potential stains.

#### 6. Whitening Action

SUPERIOR now contains levels of oxygen releasing bleach, safe for colours and whites.

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Solutions, Chemistry, Service

## Physical Properties:

TYPE:	Non dusting dense synthetic detergent powder
COLOUR:	Blue
ODOUR:	Eucalyptus
FLAMMABILITY	Non Flammable
COMPOSITION	Anionic, non-ionic detergents and wetting agents, optical brighteners, soil suspending agents, perborate bleach, eucalyptus oil and enzymes.
HARD WATER TOLERANCE	Excellent

### PHOSPHATE STATEMENT - NP

The compliance criteria for a Phosphate detergent according to ACSMA is 'NP' – contains no phosphorus if the level of phosphorus measured is  $\leq 0.5\%$  in usage.

## 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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