

# Technical Bulletin

# Oxygene

## Powder Bleach for Stain Removal in Laundering

### Product Description:

OXYGENE is a free flowing white crystalline powder used for bleaching and stain removal in laundering. Oxygene is also an effective crockery / melamine cup destainer. OXYGENE releases oxygen when mixed with hot water for best results. This allows for safety on all fabrics and wash fast colours. OXYGENE uses Sodium Percarbonate which has 13.5% active oxygen.

### Application:

The industry recommendation amount of active Oxygen required per kg of clothes is 0.3-1.0%. The equivalent amount of OXYGENE is 2.2 - 7.4 grams / Kg clothes.

Domestic - Top loader - 6kg = 45grams  
(using low water level is approx.33L of water = 150ppm of active oxygen)

Plastic bucket / Laundry tub - 3kg = 25 grams  
Mix two rounded dessertspoons of OXYGENE in 7Litres of Hot water. This is sufficient for 6 nappies or several laundry items. Use proportionately more OXYGENE for larger quantities. Close container after use.

Soak: Always make sure product is completely dissolved before dispersing items in the solution. Remove soil from dirty nappies and swirl nappies into solution. Wet nappies can be placed straight into the solution. Soak for a minimum of 2 hours to kill germs. For persistent stains, soak overnight. Change solution every 24 hours.

Rinse: Remove items and rinse thoroughly. With OXYGENE there is no need to wash after soaking. Simply rinse and spin dry in washing machine. For nappies only, dispose of used solution by flushing down the toilet. Rinse the bucket before re-use.

De-staining: Oxygene can also be safely used as a crockery and melamine cup de-stainer, use between 15 - 30g per 10L hot water. Rinse thoroughly or put through dishwasher after destaining procedure. OXYGENE is available in cartons of 3 x 4Kg and 20Kg buckets.

### 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 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. **Page 1 of 1**