

# Technical Bulletin

## Dry n Clear

### Lo Temp / Lo Foam Acidic Machine Dishwash Drying & Rinse Aid

#### Product Description:

DRY n CLEAR is a concentrated low foam super wetting agent, which enables glassware, dishes and utensils to dry thoroughly and quickly without spotting or streaking. DRY n CLEAR is formulated with Citric Acid which helps to eliminate scale build-up caused by hard water in conventional and conveyor type automatic dish washing machines. With the introduction of rinse water returning to wash tank in some newly designed Flight/Conveyor machines, DRY n CLEAR has been reformulated to retain low foam characteristics at wash temperatures lower than the required high temperatures for rinsing.

DRY n CLEAR is designed for the rinse cycle of automatic dish washing machines through rinse injectors, recommended by Castle Chemicals. Best low foam results at 82-86C

DRY n CLEAR is highly concentrated, requiring only a few millilitres to each litre of water. DRY n CLEAR does not foam to impede the washing cycle. DRY n CLEAR special formula breaks the surface tension of water droplets and enable water to sheet off crockery etc., rapidly and completely to leave articles spotless. Approved by leading Dish washing machine manufacturers.

#### Application:

Apply DRY n CLEAR through automatic rinse additive meter. Meters are standardised by Castle Chemicals Technical Representatives to inject the correct quantity into the machine.

COLOUR	Red
ODOUR	Odourless
pH	2.0-3.0
FLAMMABILITY	Non flammable
TOXICITY	Non toxic
RINSE ABILITY	Non toxic
MISCIBILITY	Miscible with water in all proportions
HARD WATER TOLERANCE	Completely biodegradable
COMPOSITION	Biodegradable wetting agents

#### 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.