

# Technical Bulletin

## D-2000AS

### Premium Aluminium Safe Warewash Detergent

#### Product Description:

D2000AS is a non-caustic, aluminium safe, powdered mildly alkaline detergent, packed in flushing cap canisters.

The effectiveness of a machine dishwashing detergent relies on its ability to rapidly penetrate the soil on dishes and glassware, remove and then emulsify or disperse them. At the same time this detergent action must not produce excessive foam, which may impair the cleaning action of the detergent solution. The detergent must also be capable of performing in water of varying degrees of hardness. Excessive hardness can result in a film or scale, which can be deposited from the wash water to dishes, glassware, cutlery or the machine itself. Hard water not only clouds the sparkle on glassware and dulls the lustre of dishes, but acts as a germ trap which interferes with the effectiveness of removing and destroying the bacteria.

Regardless of the cleaning effectiveness of the dishwashing compound clean articles cannot be obtained if the dishwashing machine is dirty, scaled or the jets clogged by scale and food deposits. Jets clogged by hard water deposits cannot deliver a sufficient quantity of detergent spray to achieve clean articles.

D2000AS contains wetting agents and emulsifiers, which have been scientifically blended to rapidly penetrate and remove the soils from dishes, glassware and cutlery.

D2000AS contains dispersants to ensure that the removed soils are not redeposited onto the cleaned articles.

D2000AS contains: water conditioning agents to prevent both scale build up or corrosion in the machine prevents clogging of the jets and also maintains hard water minerals in suspension which helps to provide higher standards of dishwashing.

#### Application:

The dishwashing machine should be charged with D2000AS through the flushing cap dispenser. For best results the pH of the wash solution should be maintained at a minimum of 11 and a temp of 70°C to 85°C.

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