



TECHNICAL INFORMATION SHEET

HARD WATER DISHWASHER DETERGENT

Product Description

A high performance automatic dishwashing detergent formulated to provide excellent soil removal in hard water.

Features and Benefits

- A heavy duty liquid machine detergent suitable for use in both single and multi-tank dishwashing machines.
- Optimal blend of caustic alkalis and scale controlling agents that will provide excellent soil removal of fats and dried on food.
- Can be automatically dosed and controlled by conductivity, ensuring consistent delivery of product and reproducible cleaning results.
- The powerful scale control agents prevent scaling in medium/hard water conditions.
- Effectively cuts through grease and dried-on food.

Use Instructions

For automatic dosing only.

1.0 – 4.0ml/litre hot water at 60 –65°C.

Safe Handling and Storage

See visual information to right.

Full guidance on the handling and safe use of the product can be obtained from the Safety Data Sheet.

Store in original container.

Avoid extremes of temperature.

Technical Information

Appearance: Clear yellow liquid

pH: >13.0

Relative density: 1.15

Odour: Characteristic

Solubility: Fully miscible in water

The above data is typical of normal production and should not be taken as a specification.

Materials Compatibility

Non-corrosive toward mild and stainless steel, polythene, polypropylene and crockery.

Corrosive, both at user concentration or undiluted on aluminium, zinc, tin, copper and their common alloys.

Health & Safety

HAZARD AS SUPPLIED



Causes severe skin burns and eye damage.



HAZARD WHEN USED
AT RECOMMENDED
DILUTION.



Not classified. Wear gloves for prolonged use.



Problem Solving

Problems in automatic dishwashing can sometimes result from more than a single cause. It is necessary to check all the possible causes and, by the process of elimination, arrive at the solution. The problems that occur most frequently, the possible cause, and the solution are listed below.

Problem	Possible Cause	Solution
Spotting	Water not hot enough Dishes and cutlery not completely clean Hard water or high dissolved minerals Food residues Mechanical failure	Check hot water temperature. Check loading of the machine. Increase concentration. Check rinse aid concentration, increase if necessary. Install water softener. Check if pre-scraping. Check water and detergent concentrations. Call for approved service.
Specks	Food particles	Check if pre-scraping. Check water and detergent concentrations.
Dishwasher leaks	Soiled or worn gasket	Clean gasket and side of door or replace gasket.
Heavy foam	Check if pre-scraping	Check water and detergent concentrations.
Black marks on china	Metal marks from knives	Soak in mild bleach solution.