



## TECHNICAL INFORMATION SHEET (TIS)

# PREMCLEAN

### Liquid Soap - Code No. 104001



#### INTRODUCTION

The Premclean range of this versatile group of readily biodegradable, neutral detergents has been formulated primarily for dishwashing. The products are also suitable for many other cleaning tasks, ranging from the general cleaning of floors and hard surfaces to the hand washing of woollen garments and other delicate fabrics.

First class results can only be achieved using the correct equipment and products within the framework of regular cleaning programme. This product group forms a vital and integral part of Premclean's comprehensive range of environmentally friendly chemicals. Users in all sectors of the cleaning industry may select with confidence those products with precisely the right characteristics for the tasks they have to undertake.

In case of difficulty in making the correct choice or for further information on Premclean's cleaning and maintenance chemicals, contact our Head Office in Limassol.

#### LIQUID SOAP

Liquid Soap is a neutral detergent and it is a high quality product for efficient hand dishwashing in commercial, institutional and domestic kitchens.

It is readily biodegradable and user friendly, this product is also suitable for the general cleaning of floors, walls and paintwork, all washable hard surfaces, glazed surfaces and all vehicles. Liquid Soap dissolves readily in hot or cold water, generating a stable, long lasting foam. When used with hard water it prevents the formation of scum and will easily remove unsightly, yellow soap deposits from all surfaces.

The pH of the Liquid Soap under typical analysis is 7.0

#### LIQUID SOAP

A blend of quality anionic surfactants and preservative, with added perfume, Liquid Soap is an economy grade neutral detergent formulated primarily for the hand washing of dishes, cutlery, glassware and utensils in kitchens and catering areas. It may also be used for cleaning floors, walls, other washable hard surfaces, including vehicles, as well as for textiles, silks, woollens and synthetic materials.

Liquid Soap is suitable for the general cleaning of all floors, especially those that, like terrazzo or linoleum, may be sensitive to alkaline products. It may also be used for the routine cleaning of all floors treated with one of Premclean's emulsion polishes. Liquid Soap is also ideal for the general cleaning of walls and cladding, washable hard surfaces, including all paintwork and types of motor vehicle.

#### DIRECTIONS

Always wear appropriate protective clothing and read product label and Safety Data Sheet before use. If in doubt, always conduct a trial area to establish results.

#### 1. CLEANING TECHNIQUES BY HAND

**1.1 Hand Dishwashing:** This operation should, wherever possible, incorporate the use of a double sink so that thermal disinfection followed by air-drying, can become an integral part of the operation. Dilute the chosen detergent in water at a temperature of 53° to 58° C. After pre-cleaning and rinsing articles to be washed, place them in the cleaning solution. Scrub with a nylon brush or suitable cloth to loosen grease and dirt. Re-immersion items in the detergent solution to wash off soiling. Remove from the first sink and place in rinse water (min temp 65°C) – leave for sufficient time to ensure rapid air-drying. Place articles into a suitable basket or onto a disinfected surface to air dry, before storing for future use.

**1.2 Spray Cleaning:** This technique is suitable for lightly soiled surfaces, fixtures and fittings or for small areas. Using a correctly labelled trigger spray, apply diluted product onto the soiled surface. On small areas or for less accessible fixtures and fittings spray product onto a cloth or sponge and apply by hand. Allow a few minutes contact time and wipe clean with a cloth or sponge. Rinse with fresh water and wipe surfaces dry, removing all excess moisture.

**1.3 Washing:** This technique is suitable for lightly soiled surfaces, fixtures and fittings or for larger areas. Apply the diluted product with a cloth or sponge and allow a few minutes contact time. Agitate the solution to loosen the dirt and wipe clean with the cloth or sponge. Rinse with fresh water and a clean cloth and wipe surfaces dry, removing all excess moisture.

**1.4 Scrubbing:** This technique may be necessary for heavily soiled surfaces, fixtures or fittings. Pre-soak all surfaces or items with the diluted product and allow adequate contact time. Hand scrub with a suitable nylon hand pad or scrubbing brush and wipe clean with a cloth or sponge. Repeat the application and after wiping clean, rinse all surfaces dry, removing all excess moisture.

#### 2. FLOOR MOPPING TECHNIQUES

Before any floor maintenance task is carried out the floor should be swept or vacuumed to remove dust and litter.

**2.1 Wet Mop Sweeping (Damp Mopping):** A routine maintenance technique using a well wrung out mop for lightly soiled floors and for spot mopping.

**METHOD:** Use one bucket with gear wringer or colander. Wet mop and wring out tightly to remove an excess solution before use. Rinse mops frequently and change solution when required.

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## APPLICATION & COVERAGE

Use the following chart to determine the correct dilution rate to be used for the cleaning task indicated. However, depending on the age, condition and type of surface as well the nature and degree of soilage, the dilution may be adjusted accordingly.

As an aid to budget and operational planning use the figures below which represent the approximate coverage in square metres obtained from 5 litres of product when used at the recommended dilution rate for the task indicated.

CLEANING TASK	DILUTION RATE	COVERAGE (in m <sup>2</sup> )
1.1 Hand Dishwashing	1:150	N/A
1.2 Spray Cleaning	1:100	N/A
1.3 Washing	1:100	N/A
1.4 Scrubbing (By Hand)	1:100	N/A
2.1 Wet Mop Sweeping	1:100	2500
2.2 Single Solution Mopping	1:100	2500
3.1 Machine Scrubbing	1:150	2500







ALWAYS conduct a trial area with your chosen dilution to establish results.

NOTE: One m<sup>2</sup> equates to 10.764 f<sup>2</sup>.

COVERAGE expressed in units of m <sup>2</sup>	DILUTION RATES
2.1 WET MOP SWEEPING 2500	1:100
2.2 SINGLE SOLUTION MOPPING 2500	1:100
3.1 DEEP CLEANSING 500	1:20
4.1 SPRA BURNISHING 150 000	1:30
4.2 SPRAY CLEANING (FLOORS) 100 000	1:20

## MIXING THE REQUIRED SOLUTION

Use the following chart to mix the appropriate cleaning solution for each specific cleaning task.

	1:100			1:150		
						
PRESISE AMOUNT OF PRODUCT	5ml	50ml	100ml	3.5ml	34ml	67ml
MEASURING JUG	MEASURE PRESISE AMOUNT AS INDICATED ABOVE			MEASURE PRESISE AMOUNT AS INDICATED ABOVE		
PUMP DISPENSER	1/4	2	4	1 1/2	3	
CAP OR BALL	1/4	2 1/2	5	1 3/4	3 1/2	

**2.2 Single Solution Mopping:** A daily maintenance technique for light-medium soiled areas. Wet mopping loosens and removes dirt, which has settled on the floor.

**METHOD:** Use a double bucket unit, one bucket for clean solution, and the other left empty underneath the gear wringer to collect the dirty solution picked up from the floor. Always wrung out the soiled mop before re-depositing into the clean solution and leave the floor as dry as possible.

A rinsing operation must be undertaken to remove any chemical residue if the solution is used in a stronger mix.

## 3. MACHINE SCRUBBING TECHNIQUES

**3.1 Machine Scrubbing:** Used for regular or periodic cleaning of floors, which are too soiled to use normal mopping techniques. The process requires a rotary machine, mopping equipment and a wet pick-up machine.

**METHOD:** Mix the required solution and apply to the floor. Commence machine scrubbing in an area of a manageable size with a green nylon pad or nylon scrubbing brush. Sufficient solution should be applied to ensure that the floor remains wet throughout the scrubbing operation, on completion of machine scrubbing use the wet pick-up machine to remove the slurry. Thoroughly rinse floor with fresh water and clean mop. Pick up rinse water and commence scrubbing the next area of floor.

## TRAINING AND ADVISORY CENTRE

Our Technical Staff can ensure that the correct equipment and methods are used and our consultants can provide on-site training and advice.

## HEALTH AND SAFETY INFORMATION

Appropriate Health and Safety information is detailed on the individual product label or relevant Health and Safety Data Sheet (SDS).

## PACKAGING

4 x 5 litre polythene containers

**Premclean Code No. 104001**

No liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products, or from the use of the implied of freedom from patent rights. Prospective users should, therefore, satisfy themselves by appropriate trials that the product to be used is suitable for the intended use and that such will not infringe any patent.

We continue to reserve the right to alter designs of any product as part of a further process of improvement and products supplied may therefore vary from those detailed on this Technical Information Sheet.

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