

## What is Laundry Detergent?

LAUNDRY DETERGENT is a surfactant-rich liquid detergent made for use in industrial, institutional and commercial laundries. It works together with its companion products LAUNDRY BREAK, LAUNDRY BRIGHTENER, SOUR SOFTENER and LAUNDRY SOUR to provide a complete system with the flexibility to wash all kinds of fabric.

### Key Benefits

- ✓ High level of cleaning performance
- ✓ Suitable for cleaning any washable fabric
- ✓ Can be used on its own or as part of a complete automatic feed system

### How Does It Work?

LAUNDRY DETERGENT contains surfactants to emulsify soils, optical brighteners to prevent greying and revitalise colours, and anti-re-deposition agent to suspend soils so they can be rinsed clean away. The product can be used in soft or hard waters. It has excellent rinsing and finishing properties and is safe for use on all washable fabrics.

### For Use On...

LAUNDRY DETERGENT is a fully built, surfactant rich liquid detergent made for industrial, institutional and commercial laundries where washing machines are supplied by Automatic Liquid Detergent Feed Systems.

LAUNDRY DETERGENT is used as the main detergent component in the wash cycle. It is suitable for cleaning heavily soiled laundry including whites, coloured, cottons and synthetics.

LAUNDRY DETERGENT can also be used by itself as an effective stand-alone laundry liquid.

## Technical Data

### Properties



COLOUR – Royal blue, transparent liquid  
 ODOUR – Odourless  
 pH = 10.0 – 11.0

### Environmental Care

LAUNDRY DETERGENT conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage. LAUNDRY DETERGENT is biodegradable and phosphate-free. LAUNDRY DETERGENT containers will be cleaned and reused if returned to Agar Cleaning Systems, significantly reducing plastic usage and waste. They can also be recycled.

## Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996 SAI Certificate No.: QEC7358

## Application

- LAUNDRY DETERGENT is designed to be dispensed by the Agar Laundry Liquid Automatic Feed System. This electronic equipment utilises pumps which are activated by the washing machine at appropriate points in the wash cycle. This system is safe because it does away with manual handling of chemicals, and economical because the correct quantity is measured out every time.
- The quantity of LAUNDRY DETERGENT to be used depends of the size of the machine and its load the type of garments, the degree of soiling, the wash temperature and dip levels.
- Your Agar Representative can provide complete technical advice on the correct use of this product to suit the particular needs of your laundry,
- When being used as a laundry detergent on its own, the following amounts should be used:

Machine	Light Load	Medium Load	Full Load
<i>Twin-tub</i>	¼ cup	¾ cup	1 cup
<i>Top Loader</i>	¾ cup	1 cup	1 ½ cup

Add an extra ¼ to ½ cup in hard water regions  
 1 cup = 250ml  
 Industrial: 1L per 100kg of dry washing

### Water Temperature:

Use COLD water for bleeding colours, pleated garments, blood, protein or chocolate stains.

Use WARM water for nylons, polyesters, acrylics, permanent press and colourfast colours.

Use HOT water for cottons (white and pastels), heavily soiled or oily clothes.

## Disposal Information

### 1. Used solutions -

Used Solutions of LAUNDRY DETERGENT should be poured into a drain or trough that leads to the sewer system or a septic tank. These systems have a method for treating and breaking down the waste. Used solutions of detergent should not be poured into stormwater drains or down driveways as these drains are designed for rainwater and ultimately lead to the local river system.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.

**2. Unused product**

It is best to keep the product and use it up! If this is not possible, try to give it to someone who can use it. (Make sure the product is in its original, labelled container).

If there is no alternative but disposal, it is safe to pour modest quantities of this product down the drain (to sewer) with running water. Leave the cold tap running for a few moments afterwards as this dilutes the product and reduces the concentration in the wastewater.

Remember, do not mix different cleaning products together during disposal!

**3. Empty packaging**

**Bottles and drums**

Our 5L and 20L bottles and drums are made from HDPE (polyethylene) or PET which can be recycled. You can dispose of these containers via the kerbside collection program or other recycling system. LAUNDRY DETERGENT containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd, significantly reducing plastic usage and waste.

**Cardboard cartons**

Used boxes should be flattened and recycled in OCC (old, corrugated cardboard) or mixed wastepaper recycling programs.

Available in: 5L, 20L

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**MELBOURNE**  
Agar Cleaning Systems P/L  
12-14 Cope Street  
Preston VIC 3072  
Ph: (03) 9480 3000

**ADELAIDE**  
Agar Cleaning Systems P/L  
Unit 1, 138-140 Ashley Street  
Underdale SA 5032  
Ph: (08) 8293 2020

**BRISBANE**  
Agar Cleaning Systems P/L  
Unit 5, 13 Murdoch Circuit  
Acacia Ridge QLD 4110  
Ph: (07) 3274 3438

**SYDNEY**  
Agar Cleaning Systems P/L  
Unit 3, 68-72 Asquith Street  
Silverwater NSW 2128  
Ph: (02) 9743 6020

**PERTH**  
Briskleen Supplies  
38 Mulgool Road  
Malaga WA 6090  
Ph: (08) 9249 4566