

What is Sour Softener?

SOUR SOFTENER is a liquid additive for washing machines. It improves the feel of washed fabrics by imparting a softness and bulkiness to the fibres and it simultaneously neutralises any alkaline residues.

Key Benefits

- ✓ High in neutralising value, therefore very economical
- ✓ Gentle on fabrics
- ✓ Suspends soils and mineral particles, thereby facilitating the rinse action
- ✓ Washed articles are left with an appealing fragrance
- ✓ Ideal for all washable fabrics, white or coloured

How Does It Work?

SOUR SOFTENER is a perfumed blue liquid that improves the feel or handle of fabrics by imparting a distinct softness and bulkiness to the fibres. Wool, cottons, polyester blends and all other fabrics are suitable for rinsing with SOUR SOFTENER. It helps eliminate static cling, drying times are reduced, and it adds a pleasant fragrance and revitalises the brightness of coloured fabrics. Another benefit is the prevention of accelerated soiling due to adhesion of solid particles when static cling is present. SOUR SOFTENER is a dual-action product which functions both as a fabric softener and a laundry sour. The gentle acidity in SOUR SOFTENER acts to neutralise any carried-over alkalinity from the wash-water in the first stage of the laundry process. This restores the pH to the correct level for the fibres and prevents adverse skin reactions in people who wear the laundered clothes.

For Use On...

SOUR SOFTENER is added to the final rinse water in washing machines. SOUR SOFTENER is ideal for use in all industrial, commercial and household laundry operations and is suitable for all Australian conditions. It stops the tendency of synthetic garments from clinging to the skin, especially after tumble-drying and stops problems caused by lint in the tumble-dryer.

Technical Data

Composition

SOUR SOFTENER is based on dimethyl ditallow ammonium salts dissolved in water with solubilisers, perfume, optical brightener, blue colour and mild organic acid.

Properties



COLOUR – Blue viscous creamy liquid
ODOUR – Floral perfume
pH = 1.0 – 2.0
FOAM – Corrosive liquid (acid)

Health

SOUR SOFTENER in neat form (as supplied) is classified as hazardous according to the criteria of Safe Work Australia. It is corrosive to skin and may cause serious eye damage if contact occurs. It becomes non-hazardous when diluted to 1:85 (1.17%) or more in water. Please refer to Safety Data Sheet for more information. SOUR SOFTENER contains no ingredients that are classed as Toxic.

Environmental Care

SOUR SOFTENER conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage. SOUR SOFTENER is non-flammable and phosphate-free. SOUR SOFTENER containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd., 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:

- SOUR SOFTENER 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 SOUR SOFTENER to be used depends on the size of the machine and its load, and the quantity of LAUNDRY BREAK used in the wash cycle.
- Your Agar Representative can provide complete technical advice on the correct use of this product to suit the particular needs of your laundry.
- Never pour SOUR SOFTENER directly onto clothes.
- It is best to pre-mix the SOUR SOFTENER with some water to aid mixing.
- Avoid mixing bleach or any other products in the same rinse as SOUR SOFTENER.
- Do not use SOUR SOFTENER if the water supply is heavily discoloured.

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.

Disposal Information

1. Used solutions -

Used Solutions of SOUR SOFTENER 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.

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. SOUR SOFTENER 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: 20L

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