



english



# Colour fastness testing products **catalogue**

*For your investment in quality*

- SDC Multifibre DW Fabric
- SDC Standard Test Fabrics
- SDC Light Fastness Fabric
- SDC Detergents and Auxiliaries
- SDC Testing Chemicals
- SDC Martindale Consumables
- SDC Assessment Aids
- SDC Phenolic Yellowing Products
- Miscellaneous Products

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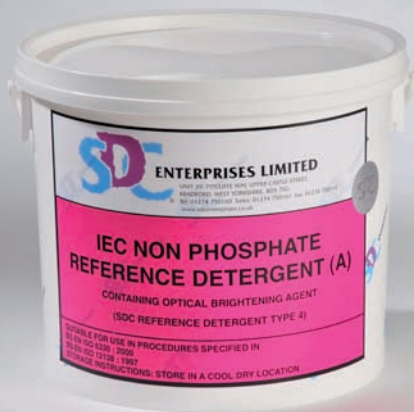
[www.sdcenterprises.co.uk](http://www.sdcenterprises.co.uk)

# SDC Detergents & Auxiliaries

Processing methods are the basis for providing maximum consistency of SDC standard reference detergents. Mixing in solution followed by spray drying gives, we believe, superior results to the dry mixing of powders, with the additional benefit of producing a fine powder that is easier for the user to dissolve.

The homogeneous mix produced by spray drying is maintained throughout the detergent's use. Dry mix detergents of varying particle size may not give the correct formulation when small quantities are weighed. They may also partially separate when subjected to vibration in dispensing hoppers on washing equipment. Each SDC detergent undergoes rigorous testing using independent laboratories. Both the chemical composition and performance are assessed.

- Assessed versus internal master batch for chemical composition and in performance tests.
- Colour coded packaging to aid correct identification.



## ECE Non Phosphate Detergent A

Manufactured for use in ISO 6330 and in the ISO 105 C series of colour fastness tests. The powder is free from optical brightening agent.

## IEC Non Phosphate Detergent A

Produced for use in the ISO 6330 Domestic Washing and Drying Procedures for Textile Testing. This powder contains optical brightening agents.

## ECE Phosphate Reference Detergent B

Manufactured for use in the ISO 105 C06 colour fastness test and is free from optical brightening.

## IEC Phosphate Reference Detergent B

Manufactured for use in IEC 456:1994 for the performance evaluation of washing machines. It is also specified in the ISO 10528:1994 test method. It contains optical brightening agent.



# SDC Detergents & Auxiliaries

2408	SDC ECE Non Phosphate Detergent (A) 2kg	per 2 kg tub
2420	SDC ECE Non Phosphate Detergent (A) 15kg	per 15 kg box
2458	SDC ECE Phosphate Detergent (B) 2 kg	per 2 kg tub
2470	SDC ECE Phosphate Detergent (B) 15 kg	per 15 kg box
2508	SDC IEC Non Phosphate Detergent (A) 2 kg	per 2 kg tub
2520	SDC IEC Non Phosphate Detergent (A) 15 kg	per 15 kg box
2558	SDC IEC Phosphate Detergent (B) 2kg	per 2 kg tub
2570	SDC IEC Phosphate Detergent (B) 15kg	per 15 kg box
2575	SDC Reference Detergent Type 6 ISO 15797 Ref Detergent 6.1.1 (OBA)	15kg
2580	SDC Reference Detergent Type 7 ISO 15797 Ref Detergent 6.1.2 (OBA free)	15kg
2615	SDC Fabric Conditioner (Type 1) M&S P12, 12A & 12B	5kg pack
2710	Ariel Colour Powder	per box
2715	Persil Hand Wash and Twin Tub Powder	per box
2720	Persil Biological	per box

Other commercial detergents available on request.



# SDC Detergents & Auxiliaries

## Soap Powder

Manufactured for use in the ISO 105 C series of colour fastness tests. This powder is free from optical brightening agent.

## Sodium Perborate Tetrahydrate

This reagent is used in the international standards ISO 105 C06, C08 and C09 and ISO 6330. It acts as a bleaching agent and is incorporated into the latest standards to replicate modern commercial laundry products.

It is a high purity powder meeting the specification of the international standards, thus ensuring that the product is very stable offering an enhanced shelf life.

## TAED Powder

This reagent is used in the international standards ISO 105 C08 and C09 and ISO 6330.

The TAED acts as a bleach activator in combination with the Sodium Perborate and is incorporated into the latest standards to replicate modern commercial laundry products. Its purpose is to start the bleaching action earlier in the wash cycle and has a maximum efficiency at 50°C to 60°C.

This is a high quality grade powder of 92% activity which is very stable in storage.

## Washing Load Ballasts

Used to ensure that a wash load used for garment testing is of a sufficient weight. The product simulates the washing of a garment in domestic washing machines.

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**Polyester Ballast: ISO 6330:** Piece dimensions 20cm x 20cm weighing approximately 50g each.  
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**Polyester Ballast: ISO 26330:1994 and IWS Test Methods:** Piece dimensions 30cm x 30cm weighing approximately 40g each.  
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**Cotton Ballast: ISO 6330:** (Suitable for use in both machine type A and type B)  
Made from 100% cotton, piece dimensions 92 x 92 cm weighing approximately 130g each.  
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**80/20 Wool/Cotton Ballast: BS EN ISO 3175-2 1998:** Piece dimensions 30cm x 30cm  
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## Stainless Steel Discs

These non-corrodible stainless steel discs are smooth and free from rough edges. They are used as an agitator in the dry cleaning test ISO 105-D01.

## Stainless Steel Balls

The non-corrodible stainless steel balls are approximately 6mm in diameter and they are used as an agitator in various washing tests in the ISO 105 C series of tests. They provide an abrasive action in domestic and commercial laundering tests to better replicate real world washing.

## Plastic Dishes and Glass Plates

These are for use in contact tests such as those specified in the ISO 105 E series of tests. The plastic dishes are large enough to immerse a piece of multifibre or adjacent fabric of up to 10cm x 5cm.



## SDC Detergents & Auxiliaries

2304	SDC Soap Powder	2kg tub
2605	SDC TAED - 92%	250g tub
2705	SDC Sodium Perborate Tetrahydrate	2kg tub
4005	SDC Stainless Steel Washing Balls	50 balls
4055	SDC Stainless Steel Dry Cleaning Discs	12 discs
4065	SDC Polypropylene Net	Per metre
4105	SDC Polyester Makeweights 20x20 cm	20 piece pack
4110	SDC Polyester Makeweights 30x30 cm	25 piece pack
4115	SDC CO Ballast 92x92 cm	10 piece pack
4120	SDC 80/20 Wool/Cotton Ballast 30x30cm	25 piece pack

# SDC Testing Chemicals

**SDCE** can now provide the full range of chemicals required for the test methods in BS EN ISO 105. For use in colour fastness testing.

## Chemicals for use in BS EN ISO 105 E02:

### Colour Fastness to Sea Water

We can now provide the Sodium Chloride for use in this test method in 250g tubs.

## Chemicals for use in BS EN ISO 105 E03:

### Colour Fastness to Chlorinated Water

We can supply the following products for this test method:

4147	SDC Sodium Thiosulphate Anhydrous ( $\text{Na}_2\text{S}_2\text{O}_3$ )	250g
4148	SDC Potassium Iodide (KI)	250g
4149	SDC Potassium Dihydrogen Phosphate ( $\text{KH}_2\text{PO}_4$ )	250g
4154	SDC Disodium Hydrogen Orthophosphate Dihydrate ( $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ )	250g

## Chemicals for use in BS EN ISO 105 E04:

### Colour Fastness to Perspiration

A full range of chemicals for the preparation of the both the acid and alkaline solutions:

4151	SDC L-Histidine Monohydrochloride Monohydrate ( $\text{C}_6\text{H}_9\text{O}_2\text{N}_3 \cdot \text{HCl} \cdot \text{H}_2\text{O}$ )	100g
4152	SDC Sodium Chloride (NaCl)	250g
4153	SDC Sodium Dihydrogen Orthophosphate Dihydrate ( $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ )	250g
4154	SDC Disodium Hydrogen Orthophosphate Dihydrate ( $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ )	250g

## Other Chemicals:

4144	Citric Acid	100g
4145	Lauric Monoisopropanolamide	100g
4146	Dodecyl Sodium Sulphate	250g