

SRI LANKA STANDARD 760 : 2016
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**SPECIFICATION FOR
SYNTHETIC LAUNDRY DETERGENT
POWDER
(First Revision)**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR SYNTHETIC LAUNDRY DETERGENT POWDER
(First Revision)

SLS 760 : 2016

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SRI LANKA

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FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2016-06-23.

Synthetic detergent powders are intended for cleaning laundry with mixtures of chemicals including anionic, cationic and non-ionic surface active agents to improve the performance of cleaning even in hard or acidic water.

This standard focus on the detergent powders indicating mainly anionic surfactants, and hence the method involved in the determination of active ingredient content is a measure of same.

This Standard was first published in 1986. In this First Revision, the requirements for non detergent organic matter, available O₂ as sodium perborate and heavy metal limits are introduced. The requirements for total phosphates and matter insoluble in water have been revised. The requirement for sodium silicates has been withdrawn. A method for the evaluation of skin irritation of synthetic laundry detergent powder and a method for the determination of biodegradability have been included. The method of test for the determination of matter insoluble in water has been changed.

This standard is subject to the restrictions imposed by any applicable regulatory authority.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with **SLS 102**. The number of figures to be retained in the rounded off value shall be the same as that of the specified value in this specification.

In the preparation of this standard, the assistance derived from the following publications is gratefully acknowledged:

DEAS 127 -2: 2013	Synthetic detergent powders Part 2 : Machine wash
IS 4955 : 2001	Household Laundry detergent powders – Specification
IS 7597 : 2001	Surface active agents – Glossary of terms
IS 11601: 2002	Methods of safety evaluation of synthetic detergents – Tests for skin irritation and potential of synthetic detergents
IS 13933 : 1995	Method of test for ready biodegradability of surface active agents (Modified sturm test)
MS 553 : 2002	Detergent powder for hand wash household laundry
SS 231 : 2013	Laundry detergent powder for household use in manual washing