

SRI LANKA STANDARD 554 : 2016
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**SPECIFICATION FOR
LAUNDRY SOAP**
(First Revision)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
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SLS 554 : 2016

Gr. 7

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FOREWORD

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

Sri Lanka Standard for laundry soap was first published in 1968 as **CS 33**. Subsequently **SLS 443** was issued in 1978 to cover laundry soaps made entirely from coconut oil. In 1982 these two specifications were merged and **SLS 554 : 1982** was issued to cover the requirements of Type 1 and Type 2 laundry soaps. Subsequently, Type 3 laundry soap was introduced by the Amendment No. 285 issued in 2001.

This First Revision is issued to cover three types ie, laundry soap bars or tablets without detergent, laundry soap bars or tablets with detergents and laundry soap bars or tablets entirely from coconut oil. In this First Revision, reference have been made to some of the International test methods (ISO). The requirement for pH, and the content of surface active agent have been specified whilst the content of total fatty matter and matter insoluble in ethanol in Type 3 laundry soap have been revised.

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

For the purpose of deciding whether a particular requirement of this specification is complied with the final value, observed or calculated expressing the results 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 obtained from the following publications is gratefully acknowledged :

IS 285 : 1992 Indian Standard Laundry Soaps - Specification

1 SCOPE

This Standard prescribes the requirements, methods of sampling and test for laundry soaps with or without detergents in the form of bar or tablet.

2 REFERENCES

- ISO 456 Surface active agents – Analysis of soaps – Determination of free caustic alkali
- ISO 457 Soaps – Determination of chloride content – Titrimetric method
- ISO 673 Soaps – Determination of content of ethanol – Insoluble matter
- ISO 684 Analysis of soaps – Determination of total free alkali