Canadian General Standards Board

Office des normes générales du Canada

CAN/CGSB-2.33-92
November/Novembre 1992

WITHDRAWAL

November 1995

CANADIAN GENERAL STANDARDS BOARD

BUILT LAUNDRY SOAP

With the approval of the CGSB Committee on Soaps and Detergents, this standard is hereby withdrawn. It has been determined that this standard is no longer being used to the degree that would warrant its continued maintenance.

RETRAIT

Novembre 1995

OFFICE DES NORMES GÉNÉRALES DU CANADA

SAVON POUR BLANCHISSAGE AVEC ADDITIFS

En accord avec le comité des savons et détergents de l'ONGC, cette norme est retirée par le présent avis. Il a été constaté que la norme n'est plus utilisée suffisamment pour la maintenir en vigueur.

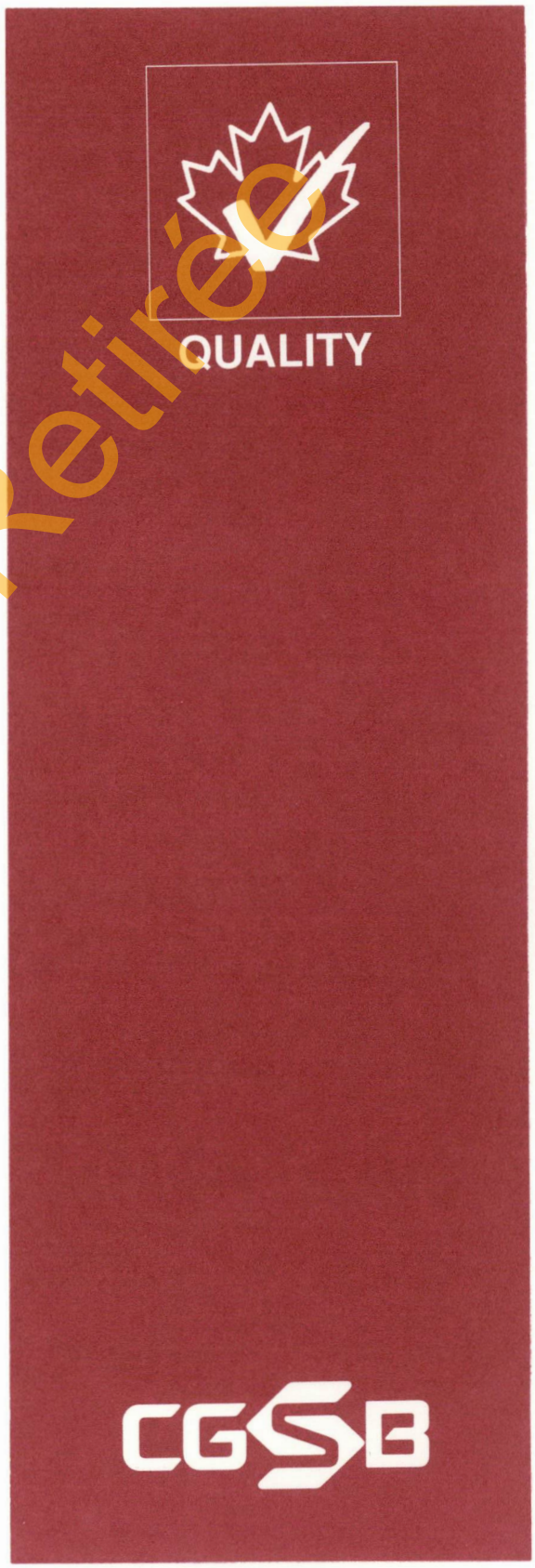
Canada

NATIONAL STANDARD OF CANADA

CAN/CGSB-2.33-92

Supersedes CAN/CGSB-2.33-M86

Built Laundry Soap



Withdrawn/Retiré

Canadian General Standards Board

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NATIONAL STANDARD OF CANADA

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Acknowledgment is made for the French translation of this National Standard of Canada by the Translation Bureau of the Department of the Secretary of State.

CANADIAN GENERAL STANDARDS BOARD

BUILT LAUNDRY SOAP

1. SCOPE

1.1 This standard states physical and chemical requirements for a built sodium soap in powder form, suitable for commercial and institutional laundering.

1.2 The soap is intended for use in soft water (calcium carbonate hardness up to 120 mg/L). In locations where water hardness exceeds 120 mg/L (as calcium carbonate), an appropriate synthetic detergent composition would be more satisfactory and economical. The builders referred to in this standard are generally alkaline salts and are added to increase the soap's effectiveness in removing oil. See CAN/CGSB-2.34 for guidance on the choice of soaps and detergents.

1.3 The testing and evaluation of a product against this standard may require the use of materials and/or equipment that could be hazardous. This document does not purport to address all the safety aspects associated with its use. Anyone using this standard has the responsibility to consult the appropriate authorities and to establish appropriate health and safety practices in conjunction with any existing applicable regulatory requirements prior to its use.

2. APPLICABLE PUBLICATIONS

2.1 The following publications are applicable to this standard:

2.1.1 Canadian General Standards Board (CGSB)

2-GP-11 — Methods of Testing and Analysis of Soaps and Detergents

CAN/CGSB-2.34 — Guide to the Selection and Use of Soaps and Detergents

CAN/CGSB-8.2 — Sieves, Testing, Woven Wire, Metric.

2.2 Reference to the above publications is to the latest issues unless otherwise specified by the authority applying this standard. The source of these publications is shown in the Notes section.

3. GENERAL REQUIREMENTS

3.1 The soap shall be supplied in powdered form. It shall be white or lightly coloured, and shall not contain visible foreign matter.

3.2 The soap shall be free from objectionable odour, both as received and in solution in hot water and it shall not develop such odour in storage within 12 months of delivery.

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4. DETAILED REQUIREMENTS

The soap shall comply with the following detailed requirements:

		Min.	Max.	Test Method CGSB 2-GP-11
4.1	Moisture, % by mass	—	15.0	13.2
4.2	Fatty acid, % by mass	50.0	—	3.1
4.3	Alcohol-insoluble matter, % by mass	26.0	—	9.1
4.4	Phosphates (as P_2O_5), % by mass	—	Nil	25.1
4.5	Water-insoluble matter, % by mass	—	1.0	10.1
4.6	Free alkali (as NaOH), % by mass	—	0.15	6.1
4.7	Free fatty acid (as oleic), % by mass	—	Nil	6.1
4.8	Chlorides (as NaCl), % by mass	—	0.75	11.1
4.9	Rosin	—	Nil	5.1
4.10	Titre, °C	39	—	8.1

4.11 **Particle Size** — When tested in accordance with CGSB standard 2-GP-11, Method 16.2, powdered soap produced to this standard shall be of such a size that 100% shall pass a 1000 µm sieve (CAN/CGSB-8.2) and be retained on a 63 µm sieve. At least 40% shall pass a 315 µm sieve.

5. PREPARATION FOR DELIVERY

5.1 **Packaging, Labelling, Packing and Marking** — Unless otherwise specified (par. 7.1), normal commercial packaging, labelling, packing and marking shall be acceptable.

6. INSPECTION

6.1 **Sampling** — Sampling shall be carried out in accordance with CGSB standard 2-GP-11, Method 1.2.

6.2 **Preparation of Samples** — Preparation of samples in the laboratory shall be in accordance with CGSB standard 2-GP-11, Method 2.

7. NOTES

7.1 **Option** — The following option must be specified in the application of this standard:

a. Packaging, labelling, packing and marking details, if normal commercial practice is not suitable (par. 5.1).

7.2 **Source of Referenced Publications** — The publications referred to in par. 2.1.1 may be obtained from the Canadian General Standards Board, Sales Centre, Ottawa, Canada K1A 1G6. Telephone (613) 941-8703 or 941-8704. Fax (613) 941-8705.

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