Canadian General Standards Board

Office des normes générales du Canada

CAN/CGSB-2.3-92
April/Avril 1992

WITHDRAWAL

November 1995

CANADIAN GENERAL STANDARDS BOARD

UNBUILT 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With the approval of the CGSB Committee on Soaps and Detergents, this standard is hereby withdrawn.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 SANS 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-2.3-92

Supersedes CAN/CGSB-2.3-M85

Unbuilt Laundry Soap



Withdrawn/Retiré

Canadian General Standards Board

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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

UNBUILT LAUNDRY SOAP

1. SCOPE

1.1 This standard states chemical and physical requirements for sodium soap in chip, powdered or granular form, suitable for commercial and institutional laundering.

1.2 Soap produced in accordance with this standard is intended for use in commercial and institutional laundering in soft water (calcium carbonate hardness up to 50 mg/L). It may be used with water of greater hardness if a hardness-sequestering agent (e.g. sodium tripolyphosphate or other polyphosphate) is also used.

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 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-8.2 — Sieves, Testing, Woven Wire, Metric.

2.2 Reference to the above publications and to test methods therein 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 chip, powdered or granular form as specified (par. 7.1), and shall be free flowing.

3.2 It shall be white or light amber in colour unless otherwise specified (par. 7.1), and shall not contain any visible foreign matter.

3.3 The soap shall be free from objectionable odour both as received and in solution in hot water.

4. DETAILED REQUIREMENTS

In the determination of fatty acids (par. 4.1), the results shall be expressed on the basis of the sample as received. All other determinations with the exception of titre (par. 4.8) and particle size (par. 4.9) shall be pro-rated in direct proportion on the basis of 80% fatty acid content.

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The soap shall comply with the following detailed requirements:

		Min.	Max.	Test Method CGSB 2-GP-11
4.1	Fatty acids, % by mass	80.0	—	3.1
4.2	Alcohol insoluble, % by mass	—	4.0	9.1
4.3	Water insoluble, % by mass	—	1.0	10.1
4.4	Free alkali (as NaOH), % by mass	—	0.15	6.1
4.5	Free fatty acids (as oleic), % by mass	—	Nil	6.1
4.6	Chlorides (as NaCl), % by mass	—	0.75	11.1
4.7	Rosin	—	Nil	5.1
4.8	Titre, °C	39	—	8.1

4.9 **Particle Size**

4.9.1 Chip soap shall consist of flakes not exceeding 0.5 mm in thickness.

4.9.2 When powdered soap is tested in accordance with CGSB standard 2-GP-11, Method 16.2, not more than 1% shall be retained on a 1000 µm sieve and not more than 4% shall pass through a 63 µm sieve. At least 40% shall pass through a 315 µm sieve. (Note 1)

4.9.3 When granular soap is tested in accordance with CGSB standard 2-GP-11, Method 16.2, not more than 0.1% shall be retained on a 2000 µm sieve and not more than 7.0% shall pass through a 63 µm sieve. (Note 1).

5. PREPARATION FOR DELIVERY

5.1 Unless otherwise specified (par. 7.1), preparation for delivery shall conform to normal commercial practice.

6. INSPECTION

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

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

7. NOTES

7.1 **Options** — The following options must be specified in the application of this standard:

a. Whether chip, powdered or granular form (par. 3.1)

b. Colour, if other than white or light amber (par. 3.2)

c. Preparation for delivery, if other than as specified (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 Unit, Ottawa, Canada K1A 1G6. Telephone (819) 956-0425 or 956-0426. Fax (819) 956-5644.

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Note 1: CAN/CGSB-8.2 sieves shall be used.