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CANCELLATION
10 June 1960

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

SYNTHETIC DETERGENT; PASTE
GENERAL PURPOSE

CGSB Specification 2-GP-104 dated 4 November 1954, is cancelled as of 10 June 1960 and is superseded by 2-GP-107a issued 10 June 1960.



CANADIAN GOVERNMENT SPECIFICATIONS BOARD

SPECIFICATION

FOR

SYNTHETIC DETERGENT; PASTE,
GENERAL PURPOSE

2 - GP - 104

4 NOVEMBER 1954

THIS SPECIFICATION APPLIES TO A SYNTHETIC DETERGENT OF EITHER
THE ANIONIC OR NONIONIC TYPE, OR BOTH, IN PASTE FORM

NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA

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4 November 1954

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
forSYNTHETIC DETERGENT; PASTE, GENERAL PURPOSE1. DEFINITION

1.1 This specification applies to a synthetic detergent of either the anionic or nonionic type, or both, in paste form.

2. GENERAL REQUIREMENTS

2.1 The detergent shall be suitable for general cleaning particularly of floors and painted or lacquered surfaces.

2.2 It shall be a homogeneous paste free from visible foreign matter.

2.3 It shall not contain added soap and/or cationic compounds.

2.4 It shall have no injurious effect on the skin.

2.5 It shall be free from objectionable odor as received and in solution in hot water and shall not develop such odor in storage within 12 months of delivery.

2.6 When held under normal conditions of storage in a suitable unopened container for a period of one year, the material shall remain stable and homogeneous.

2.7 It shall not contain any non-aqueous solvents.

3. BASIS OF ANALYSIS

3.1 In the analysis of the material the results obtained shall be expressed on the basis of the sample as received.

4. DETAIL REQUIREMENTS4.1 Physical and Chemical Requirements

	<u>Min.</u>	<u>Max.</u>	<u>Test Method</u>
4.1.1 Alcohol Insoluble	-	5.0	9.2
4.1.2 Anhydrous salt-free anionic and/or nonionic synthetic detergent, per cent	14.0	-	17.1
4.1.3 Soap	-	Nil	29.1
4.1.4 Cationics	-	Nil	30.1
4.1.5 Water Insoluble, per cent	-	Nil	10.3
4.1.6 pH (1 per cent aq. soln.)	6.0	9.0	18.1
4.1.7 Stability of Hard Water, ml. of curd	-	0.5	19.1

4.1.8 Cleaning Efficiency - The reflectance of the standard soiled cloth after washing with a 0.2 per cent aqueous solution of the detergent in accordance with the prescribed procedure shall be not less than 45.

Method 20.1

4.1.9 Rinsing Properties - The cleaner shall be free-rinsing when tested in accordance with the prescribed procedure.

Method 31.1

4.1.10 Effect of Change of Temperature - When cooled to 0°C. (32°F.) or warmed to 32°C. (90°F.) for 24 hours, the product shall remain homogeneous. A separate sample shall be used for each condition.

4.2 Other Determinations - At the discretion of the testing authority, other analysis may be made to determine whether the material complies with the requirements of this specification.

5. SAMPLING AND TEST METHODS

5.1 Sampling shall be carried out in accordance with Section 1.4 of CGSB Schedule No. 2-GP-11: Methods of Testing and Analysis of Soaps and Detergents.

5.2 Preparation of the samples in the laboratory shall be in accordance with Section 2.4 of Schedule No. 2-GP-11 and the methods of testing shall be those described in the same Schedule using the method specified with each requirement.

Correspondence regarding this specification should be addressed to the Secretary, Canadian Government Specifications Board, National Research Council, Ottawa, Canada.