

2-GP-101
CANCELLATION
24 April 1959

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

SYNTHETIC DETERGENT; LIQUID, HAND CLEANER

CGSB Specification 2-GP-101 dated 4 November 1954 is cancelled as of
24 April 1959.

ARCHIVES COPY

2-GP-101
4 November 1954
AMENDMENT NO. 1
8 September 1955

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2. GENERAL REQUIREMENTS

Change Section 2.7 to read "It shall not contain any non-aqueous solvent other than such quantity of suitably denatured ethanol as may be necessary to maintain solution clarity."



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SPECIFICATION

FOR

SYNTHETIC DETERGENT; LIQUID, HAND CLEANER

2-GP-101

4 NOVEMBER 1954

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

NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA

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4 November 1954

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Specification
for

SYNTHETIC DETERGENT; LIQUID, HAND CLEANER

1. DEFINITION

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

2. GENERAL REQUIREMENTS

2.1 The detergent shall be suitable for use in hard and sea water in washroom dispensers.

2.2 It shall be a clear homogeneous liquid, free from visible foreign matter.

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

2.4 It shall form satisfactory lather and 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.

2.8 The material may be dyed. The vendor shall be free to choose the dye provided that it has no deleterious properties and will not precipitate or fade in storage.

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	-	1.0	9.2
4.1.2 Anhydrous salt-free anionic and/or nonionic synthetic detergent, per cent	8.0	-	17.1
4.1.3 Soap	-	Nil	29.1
4.1.4 Cationics	-	Nil	30.1
4.1.5 pH (1 per cent aq. soln.)	6.0	9.0	18.1
4.1.6 Stability to Sea Water, ml. of curd	-	0.5	19.2
4.1.7 Foaming Ability, ml. of foam	10	-	27.1

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 40.

Method 20.1

4.1.9 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 1.3 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 2.3 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.