REFERENCE COPY

No. 2-GP-10-1939.
Issued 27 December, 1939.

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

SPECIFICATION
for
SOAP FOR USE IN SEA WATER

ARCHIVES COPY
Withdrawn/Retirée

Enquiries regarding specifications issued by the Canadian Government Purchasing Standards Committee and suggestions for revision should be addressed to the Codes and Specifications Section, National Research Council, Ottawa.

No. 2-GP-10-1939.

Issued 27 December, 1939.

CANADIAN GOVERNMENT PURCHASING STANDARDS COMMITTEE

Specification for Soap for Use in Sea Water

1. Definition

The material required by this specification shall be a well-made, uniformly mixed, and thoroughly saponified soda soap, in bar or cake form, prepared from suitable fats and containing added sodium carbonate. It shall not contain rosin.

2. General

The soap shall be suitable for toilet purposes when sea water is used. It shall be of light, uniform colour and shall not be perfumed unless required by the purchaser. The soap shall lather effectively in sea water. It shall be free from foreign matter.

3. Basis of Analyses

In the determination of fatty acid, as specified in Clause 4 below, the result shall be expressed on the basis of the sample as received. The results of the determinations specified in Clauses 5 to 9, inclusive, shall be expressed on the basis of a sample of 64 per cent fatty acid content.

4. Fatty Acid Content

The soap shall yield not less than 64 per cent of fatty acids.

5. Alcohol Insoluble

Matter insoluble in alcohol shall not be less than 2.0 per cent nor more than 3.0 per cent. The anhydrous sodium carbonate content of the soap shall not be less than 2.0 per cent.

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6. Water Insoluble

Matter insoluble in water shall not exceed 0.25 per cent.

7. Free Alkali

Free alkali expressed as sodium hydroxide shall not exceed 0.05 per cent.

8. Free Acid

Free acid expressed as oleic acid shall not exceed 0.25 per cent.

9. Chlorides

Chlorides expressed as sodium chloride shall not exceed 0.5 per cent.

10. Acid Number

The acid number of the mixed fatty acids derived from the soap shall not be less than 240.

11. Other Determinations

At the discretion of the testing authority, other analyses may be made to determine whether the soap complies with the requirements of this specification.

12. Methods of Sampling and Testing

The methods in all cases shall be those specified in Schedule 2-GP-11 (Methods of Sampling and Analysis of Soaps).

Withdrawn/Retirée

CONFIDENTIAL

No. 2-GP-10-1938

Tentative Revision

14 December, 1939.

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