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ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION
R 977

SODIUM HYDROXIDE FOR INDUSTRIAL USE
PREPARATION AND STORAGE OF TEST SAMPLE

<https://standards.iteh.ai/catalog/standards/sist/2447cb63-78f0-4452-b743-0fae18d46fac/iso-r-977-1969>

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BRIEF HISTORY

The ISO Recommendation R 977, *Sodium hydroxide for industrial use – Preparation and storage of test sample*, was drawn up by Technical Committee ISO/TC 47, *Chemistry*, the Secretariat of which is held by the Ente Nazionale Italiano di Unificazione (UNI).

Work on this question led, in 1966, to the adoption of a Draft ISO Recommendation.

In December 1966, this Draft ISO Recommendation (No. 1086) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Austria	Ireland	South Africa, Rep. of
Belgium	Israel	Spain
Chile	Italy	Switzerland
Cuba	Japan	Thailand
Czechoslovakia	Korea, Dem. P. Rep. of	Turkey
France	Netherlands	U.A.R.
Germany	New Zealand	United Kingdom
Hungary	Poland	U.S.A.
India	Portugal	U.S.S.R.
Iran	Romania	Yugoslavia

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in February 1969, to accept it as an ISO RECOMMENDATION.

SODIUM HYDROXIDE FOR INDUSTRIAL USE
PREPARATION AND STORAGE OF TEST SAMPLE

1. SCOPE

This ISO Recommendation describes a procedure for preparation and storage of a test sample of sodium hydroxide for industrial use.

2. SAMPLING

2.1 **Laboratory sample**

The method described in ISO Recommendation R 977* for preparation of laboratory sample should be followed.

[ISO/R 977:1969](#)

2.2 **Test sample**

Place approximately 300 g of the laboratory sample in an airtight container of such a capacity that it is nearly filled by the sample.

If it is intended to carry out a determination of silica, particularly in the case of liquid materials, non-siliceous (for example, polyethylene) containers should be used.

3. MARKING

The containers should bear a coated label indicating

- origin and identification of the test sample,
- date of filling the container.

* Under study.

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ISO/R 977:1969

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