

DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 07(28697)WC

Date : 25 September 2025

TECHNICAL COMMITTEE : Chemical Hazards, CHD 07

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Chemical Hazards Sectional Committee, CHD 07. Please [click here](#) to view the document.

Document Number : CHD 07 (28697) WC

Title of the document : Caustic Potash Code of safety First Revision

Document Type : Revision of Indian Standard (IS 6954 : 1973)

This document has following salient features which may require specific attention for your valuable comments:

- 1) Potassium hydroxide (KOH) commonly known as caustic potash is widely used as a reactant in chemical processes, soap and bleach production, electroplating, alkaline batteries (as an electrolyte), paint removers, and as a food additive. Whether in liquid or solid form or in solution, it causes burns on contact with body tissues. It is highly soluble in water, with a solubility of 121 g per 100 ml at 25 °C. It also dissolves well in polar organic solvents such as methanol, ethanol, and glycerol, but is only slightly soluble in non-polar solvents like benzene, diethyl ether, and chloroform.*
- 2) This standard was originally published in 1973. The Committee felt a need to revise this standard with a view to update the standard based on the experience of last four decades and on the currently available data. In this revision general properties have been incorporated, and modifications have been made to update safety measures for controlling hazards and essential information on symptoms of poisoning, first-aid, medical treatment, storage, handling, labelling and employee safety. The various clauses of the standard have been aligned with the format being applied for all Indian Standards on code of safety of chemicals.*

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 24 November 2025

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at chd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,
(AJAY KUMAR LAL)
Head (Chemical Department)
Email: chd7@bis.org.in**

व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 07(28697)WC

दिनांक : 25-09-2025

तकनीकी समिति : Chemical Hazards Sectional Committee, CHD 07

प्राप्तकर्ता : रुचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CHD 07 (28697) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 24 November 2025

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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