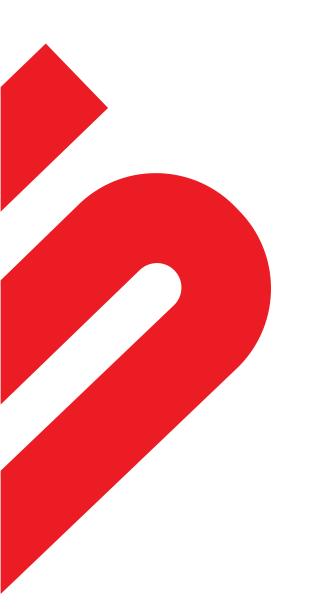




SINGAPORE STANDARD Specification for liquid chlorine



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The Technical Committee acknowledges the contributions of Mr U Thar Cho from the *Chemical Industries (Far East) Limited.*

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Foreword

This Singapore Standard was prepared by the Technical Committee for Chemistry under the direction of the Chemical Standards Committee.

Chlorine is a powerful skin, mucous membrane and respiratory irritant. Because of the hazardous nature of chlorine, intending users are advised to seek guidance from safety data sheets (SDS) published by the manufacturer. Users are strongly advised to consult the chlorine manufacturer regarding both the safety aspects of chlorine handling equipment and the engineering design. The former includes employees' training, protective equipment, emergency measures, provision of first aid equipment and special sampling procedures.

This is a revision of SS 131 : 1975 – 'Specification for liquid chlorine'. The revision resulted in changes in test methods in the standard.

In preparing this standard, references were made to the following publications:

1.	ASTM E410-70	Standard method of test for moisture and residue in liquid chlorine
2.	ASTM E1746-08	Standard test method for sampling and analysis of liquid chlorine for gaseous impurities
3.	BS 3947: 1976	Specification for liquid chlorine

Acknowledgement is made for the use of information from the above references.

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Specification for liquid chlorine

1 Scope

This standard specifies liquid chlorine for industrial use and use in the treatment of water.

2 Normative references

The following referenced document is indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- SS 152 Identification of contents of industrial gas containers
- SS 586-2 Specification for hazard communication for hazardous chemicals and dangerous goods, Part 2 : Globally harmonised system of classification and labelling of chemicals Singapore's adaptations