

ICS 71.080.99
CCS G 17



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23953-2025

Replacing GB/T 23953-2009

Dimethyldichlorosilane for industrial use

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Issued on: June 30, 2025

Implemented on: January 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 23953-2009 "Dimethyldichlorosilane for Industrial Use". Compared with GB/T 23953-2009, except for the structural adjustment In addition to the integration and editorial changes, the main technical changes are as follows.

- Deleted the classification and changed to classification by main content (see Chapter 4, Chapter 4 of the 2009 edition);
- Deleted properties, added appearance, ethyldichlorosilane index, changed the monomethyltrichlorosilane index (see Chapter 4, 2009 Chapters 3 and 4 of the 2012 edition);
- Added the analysis methods for appearance and ethyldichlorosilane (see 5.1 and 5.3).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee on Chemical Standardization (SAC/TC63).

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2009 as GB/T 23953-2009;
- This is the first revision.

Industrial dimethyldichlorosilane Warning---People who use this document should have practical experience in laboratory work. This document does not address all safety issues.

It is the responsibility of the operator to take appropriate safety and health measures and ensure compliance with relevant national laws and regulations.

1 Scope

This document specifies the technical requirements, test methods, inspection rules, and marking, packaging, transportation and Storage.

This document applies to industrial dimethyl silane produced by fractionation of methylchlorosilane mixed monomer produced by direct synthesis of silicon powder and methyl chloride. Dichlorosilane.

Note. The molecular formula of dimethyldichlorosilane is $C_2H_6SiCl_2$, the structural formula is., the relative molecular mass is 129.06 (according to the 2022 international relative atomic mass).

2 Normative references

GB 190

GB/T 6678

GB/T 6680

GB/T 8170

GB/T 9722

3 Terms and Definitions

There are no terms or definitions that require definition in this document.

4 Technical Requirements

Industrial dimethyldichlorosilane should meet the technical requirements shown in Table 1.

Table 1 Technical requirements project index Type I and Type II Appearance. Colorless transparent liquid, no mechanical impurities Colorless transparent liquid, no mechanical impurities

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