

ICS 71.080
CCS G 18



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

GB/T 24212-2025

Replacing GB/T 24212-2009

Methylnaphthalene oil

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Issued on: April 25, 2025

Implemented on: August 1, 2025

**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 is required.

This document replaces GB/T 24212-2009 "Methylnaphthalene oil". Compared with GB/T 24212-2009, except for structural adjustments and editorial changes, In addition to the above, the main technical changes are as follows.

- a) The technical indicators of methyl naphthalene oil have been changed (see 4.1, 4.1 of the 2009 edition);
- b) Added the determination method of phenol content (see 5.5);
- c) Added the viscosity determination method (see 5.6);
- d) Added the determination method of crystals at 15°C (see 5.7);
- e) The batch rules have been changed (see 6.2, 6.3 of the 2009 edition);
- f) Added qualification determination rules (see 6.5);
- g) Deleted controversial content (see 6.6 of the 2009 edition);
- h) Added safety precautions (see 8.5).

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 is under the jurisdiction of the National Coal Chemical Industry Standardization Technical Committee (SAC/TC469).

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

- GB/T 24212-2009. Methyl naphthalene oil

1 Scope

This document specifies the technical requirements, inspection rules, packaging, marking, transportation, storage and quality certificate, safety precautions for methyl naphthalene oil. The test method is described.

This document applies to the methyl naphthalene oil fraction obtained by high temperature distillation of coal tar.

2 Normative references

GB 190

GB/T 1999

GB/T 2281

GB/T 2288

GB/T 8170

GB/T 9977

GB/T 24206

GB/T 24207

GB/T 24209

3 Terms and definitions

The terms and definitions defined in GB/T 9977 apply to this document.

4 Technical requirements

4.1 The technical indicators of methyl naphthalene oil shall comply with the requirements of Table 1. Table 1 Technical indicators

Indicator name	Index
For washing benzene, for processing and for blending	Density (20°C)/(g/cm ³) 1.020~1.050
Methyl naphthalene (alpha beta) content (mass fraction)/%	≥ 40.0
Naphthalene content (mass fraction)/%	≤ 10.0
Phenol content (volume fraction)/%	≤ 0.5