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

GB/T 1653-2023

Replacing GB/T 1653-2013

o-, p-Chloronitrobenzene

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. This document replaces GB/T 1653-2013 "O- and p-Nitrochlorobenzene". Compared with GB/T 1653-2013, except for structural adjustment and editing In addition to the modifications, the main technical changes are as follows:

---Deleted the dry product crystallization point control item and its test method (see Chapter 3,

6.3 of the.2013 edition);

---Changed the indicators of product quality requirements (see Chapter 4, Chapter 3 of the.2013 edition);

---Changed the sampling requirements (see Chapter 6, Chapter 5 of the.2013 edition);

---The measurement method for appearance evaluation has been changed (see 7.2, 6.2 of the.2013 version);

---Changed the solvents in the determination of purity and organic impurity content and moisture determination (see 7.3.3, 7.4,.2013 version of 6.4.2, 6.5.1);

---Changed the allowable difference for parallel determination (see 7.3.8,

6.4.6 of the.2013 version). Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents. This document is proposed by China Petroleum and Chemical Industry Federation. This document is under the jurisdiction of the National Dyestuffs Standardization Technical Committee (SAC/TC134). This document was drafted by: Sinopec Nanjing Chemical Industry Co., Ltd., Zhejiang Runtu New Materials Co., Ltd., Shenyang Shenyang Chemical Research Institute Testing Technology Co., Ltd., Shenyang Chemical Industry Research Institute Co., Ltd., Xiamen Kaiyue Technology Co., Ltd., Jinhua Chengtuo Household Products Co., Ltd., Shenyang Sinochem New Materials Technology Co., Ltd. The main

drafters of this document. Zhou Lijun, Wang Ming, Ruan Xinglong, Du Jianguo, Chen Sujuan, Tan Yunchao, Xiang Qinglong, Li Jingyi, Kong Jing, Hu Yanbing. The previous versions of this document and the documents it replaces are as follows:

---First published as GB 1653-1986 in 1986, first revised in 1997;

---In the second revision in 2006, the contents of GB/T 6817-1992 "p-nitrochlorobenzene" were incorporated (GB/T 6817-1992 The previous version releases are GB 6817-1986);

---The third revision in 2013;

1 Scope

GB/T 1653-2023 is the Chinese national standard on o-, p-chloronitrobenzene, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 6 August 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 March 2024. Classification: ICS 71.100.01, CCS G56. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the requirements, safety information, sampling, test methods, inspection rules, signs and labels for o-nitrochlorobenzene and p-nitrochlorobenzene. Signing, packaging, transportation and storage. This document applies to product quality control of o-nitrochlorobenzene and p-nitrochlorobenzene. Molecular formula. C_6H_4ClNO

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB 190 Dangerous goods packaging markings

GB/T 191-2008 Packaging, storage and transportation pictorial markings

GB/T 2386-2014 Determination of moisture content of dyes and dye intermediates

GB/T 6678-2003 General principles for sampling of chemical products

GB/T 8170-2008 Numerical rounding rules and representation and determination of limit values

GB/T 9722-2006 General rules for gas chromatography with chemical reagents

GB 12268-2012 List of dangerous goods

GB 12463 General technical conditions for transport and packaging of dangerous goods

GB 15258 Regulations on Preparing Chemical Safety Labels

GB 15603 General rules for warehouse storage of hazardous chemicals

GB/T 16483 Chemical Safety Data Sheet Contents and Project Sequence

3 Terms and definitions

There are no terms or definitions to be defined in this document.