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

GB/T 13258-2016

Replacing GB/T 13258-2008

Phosphorus pentasulfide for industrial use

工业五硫化二磷

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Quarantine of the People's Republic of China;
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Table of Contents

- 1 Scope
- 2 Normative reference documents
- 3 Request

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 13258-2008 "industrial phosphorus pentasulfide", compared with GB/T 13258-2008 main technical changes are as follows:

--- modified the standard English name; (See Chapter 3, Chapter 3 of the.2008 edition); (See Chapter 3, Chapter 3 of the.2008 edition); - modified standard solution concentration and working curve for the determination of phosphorus mass fraction (see 5.3.2.2.4 and 5.3.2.4.1.1,.2008

5.3.2.5 and 5.3.4.1); - an increase in the melting point and the melting point of the melting point method, and as an arbitration method (see 5.5.1); - Increased requirements for batches in inspection rules (see 6.1); - the requirement for type inspection and factory inspection in the inspection rules (see 6.2);

--- modified the packaging requirements (see 7.2,.2008 edition

7.3 and 7.4). This standard is proposed by the China Petroleum and Chemical Industry Association. This standard is under the jurisdiction of the National Committee for the Standardization of Sulfuric Acid and Sulfuric Acid (SAC/TC63/SC7). The drafting of this standard. Nanhua Group Research Institute, Hubei Hing Fat Chemical Group Co., Ltd., Huai'an City Product Quality Supervision and Inspection Institute, Liaoning Ruixing Chemical Group Co., Ltd., Yunnan Province Product Quality Supervision and Inspection Research Institute. The main drafters of this standard. Feng Junting, Xiong Ping, Tang Lizhong, Yuan Gang, He Dehong, Qiu Ailing, Wang Qianlong, Wu Bin This standard replaced the previous version of the standard release. GB/T 13258-1991, GB/T 13258-2008. Industrial phosphorus pentasulfide Warning - phosphorus pentasulfide is toxic, hygroscopic, water release of hydrogen sulfide gas, causing combustion, or even explosion. This standard Some of the reagents used are toxic or corrosive and are partially hazardous. This standard does not reveal all possible security issues Should be used in strict accordance with the relevant provisions, and have the responsibility to take appropriate safety and health measures.

1 Scope

GB/T 13258-2016 is the Chinese national standard on phosphorus pentasulfide for industrial use, 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 13 December 2016 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2017. Classification: ICS 71.100.99, CCS G85. 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 standard specifies the requirements for industrial phosphorus pentasulfide, sampling, test methods, inspection rules, marking, packaging, transportation, storage and safety. This standard applies to industrial phosphorus pentasulfide.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

GB 190 Dangerous Goods Packaging Mark

GB/T 191 packaging and storage icon Preparation of standard titration solution for

GB/T 601 chemical reagents

GB/T 602 Preparation of standard solutions for the determination of impurities in chemical reagents Preparation of preparations and preparations for use in the test methods for chemical reagents GB/T 603

GB/T 6003.1 Test sieve technical requirements and testing - Part 1. Wire mesh test screen General rules for sampling of chemical products GB/T 6678-2003

GB/T 6682 Analytical laboratory water specifications and test methods Representation and Judgment of Numerical Correction Rule and Limit Value of

GB/T 8170 List of dangerous goods General technical conditions for transport of dangerous goods

GB 15258 Preparation of chemical safety labels

JB/T 6177-1992 Melting point analyzer

3 Request

The quality of industrial phosphorus pentasulfide should meet the requirements of Table 1.

Table 1 project index Excellent grade a product qualified products Exterior Powder yellow to yellow green yellow to greenish yellow Yellowish yellow to yellowish green to yellowish green Phosphorus (P), w /% 27.6 ~ 28.2 27.3 ~ 28.3 26.7 ~ 28.6

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