

ICS 71.060.50

CCS G12



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

GB/T 1618-2018

Replacing GB/T 1618-2008

Sodium chlorate for industrial use

工业氯酸钠

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Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 1618-2008 "Industrial sodium chlorate", compared with GB/T 1618-2008, except for editorial modifications The changes are as follows:

--- Re-divided the type of product, increasing the requirements of wet products (see 5.2, 5.2 of.2008 edition); Potentiometric titration was added to the determination of chloride content (see 6.6,

6.7 of.2008 edition). This standard was proposed by the China Petroleum and Chemical Industry Federation. This standard is under the jurisdiction of the National Chemical Standardization Technical Committee of the Inorganic Chemical Subcommittee (SAC/TC63/SC1). This standard was drafted. Inner Mongolia Lantai Industrial Co., Ltd., Fuzhou Yihua Chemical Co., Ltd., Yatai Electrochemical Co., Ltd. Division, Sichuan Minjiang Snow Salt Chemical Co., Ltd., Zhongyan Jiangxi Lantai Chemical Co., Ltd., Qinghai Junmin Chemical Co., Ltd., CNOOC Tianjin Industrial Research and Design Institute Co., Ltd. The main drafters of this standard. Zhou Wei, Tian Lei, Wang Shenlin, Zheng Ziqin, Liu Jiafu, Gong Jiazheng, Lu Siwei, Yang Wei, Zhang Lanju, Gao Shixin. The previous versions of the standards replaced by this standard are.

---GB/T 1618-1979, GB/T 1618-1995, GB/T 1618-2008. Industrial sodium chlorate Warning

---According to the provisions of Chapter 6 of GB 12268-2012, this product belongs to Category 5, Item 5.1, oxidizing substances, which should be small during operation. Be cautious. This standard does not address all possible security issues. The user is responsible for taking appropriate safety and health measures and guarantees The conditions stipulated by relevant national laws and regulations.

1 Scope

GB/T 1618-2018 is the Chinese national standard on sodium chlorate 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 7 June 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2019. Classification: ICS 71.060.50, CCS G12. 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 classification, requirements, test methods, inspection rules, marking, labeling, packaging, transportation and storage of industrial sodium chlorate. This standard applies to industrial sodium chlorate. This product is mainly used in the production of chlorine dioxide, sodium chlorite and perchlorate, chlorate, and also Herbicides, oxidants, printing and dyeing, metallurgy, paper, leather.

2 Normative references

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

GB 190-2009 dangerous goods packaging mark

GB/T 191-2008 packaging storage and transportation icon

GB/T 3049-2006 General method for determination of iron content of industrial chemical products 1,10-phenanthroline spectrophotometric method

GB/T 3050-2000 General method for determination of chloride content in inorganic chemical products - Potentiometric titration

GB/T 3051-2000 General method for determination of chloride content in inorganic chemical products General rules for sampling

GB/T 6678 chemical products

GB/T 6682-2008 Analytical laboratory water specifications and test methods

GB/T 8170 Numerical Rounding Rules and Representation and Determination of Limit Values

GB 12268-2012 Dangerous Goods Name List

GB 12463-2009 General technical conditions for the transport of dangerous goods

GB 15603 General rules for the storage of common chemical dangerous goods

GB 19434 Safety specification for inspection of intermediate bulk containers for dangerous goods Inorganic chemical products -- Preparation of standard solutions, preparations and products for chemical analysis - Part 1 . standard titration Liquid preparation Standard Practice for Preparation of Standard Solutions, Preparations and Products for Chemical

Analysis of Inorganic Chemical Products - Part 2. Impurity Standard Dissolution Liquid preparation Preparation of standard solutions, preparations and products for chemical analysis - Part 3. Preparations and preparations Preparation

3 Molecular formula and relative molecular mass

Molecular formula. NaClO

3 Relative molecular mass. 106.44 (according to 2016 international relative atomic mass)