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

GB 7744-2008

Replacing GB/T 7744-2008

Hydrofluoric acid for industrial use

工业氢氟酸

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative reference documents

3 Terms and definitions

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 7744-2008 "Industrial Hydrofluoric Acid". Compared with GB/T 7744-2008, except for structural adjustments and editorial changes, in addition, the main technical changes are as follows.

- a) Changed the scope of application (see Chapter 1, Chapter 1 of the 2008 edition);
- b) The product classification has been changed (see Chapter 5, Chapter 4 of the 2008 edition);
- c) Changed some indicators in the requirements (see 6.2, 5.2 of the 2008 version);
- d) Added requirements for iron content and lead content (see 6.2);
- e) Added measurement methods for iron content and lead content (see 7.7).

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the classification, requirements, test methods, inspection rules, marking and accompanying documents, packaging, transportation and storage of industrial hydrofluoric acid.

This document applies to industrial hydrofluoric acid.

Note: This product is mainly used for the production of fine fluorine chemical products, special metal smelting, oil refining catalysts, atomic energy, nuclear industry, fluoride, metallurgy, glass, mining, Oil mining and metal surface treatment industries.

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 190-2009 Dangerous goods packaging markings GB/T 191-2008 Packaging, storage and transportation pictorial markings GB/T 6678 General principles for sampling of chemical products GB/T 6680 General rules for sampling of liquid chemical products GB/T 6682-2008 Specifications and test methods for water used in analytical laboratories GB/T 8170 Numerical rounding rules and representation and determination of limit values GB 12268-2012 List of dangerous goods GB 12463 General technical conditions for transport and packaging of dangerous goods GB 15603 General rules for warehouse storage of hazardous chemicals HG/T 3696.1 Preparation of standard solutions, preparations and products for chemical analysis of inorganic chemical products Part 1: Standard titration solution Preparation of liquid HG/T 3696.2 Preparation of standard solutions, preparations and products for chemical analysis of inorganic chemical products Part 2: Impurity standard solutions Preparation of liquid HG/T 3696.3 Preparation of standard solutions, preparations and products for chemical analysis of inorganic chemical products Part 3: Preparations and products Preparation JT/T 617 (all parts) Rules for road transport of dangerous goods

3 Terms and definitions

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