

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

SN/T 4188-2015

**Inspection rules for import and export dangerous chemical
products - Ammonium nitrate
(English Translation)**

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Table of Contents

- Foreword
- Introduction
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Shandong CIQ.

Introduction

Ammonium nitrate is a colorless and odorless transparent crystalline form of small particles or white, deliquescent. Soluble in water, ethanol, acetone, ammonia, dissolved Ether. Mainly used as fertilizer, analytical reagents, oxidants, refrigerants, fireworks and explosive materials. Ammonium nitrate main origin of Beijing, Shanghai, Guangzhou East, Shandong and other provinces and cities.

In accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) classification, ammonium nitrate (containing combustible material Great at 0.2%, including any organic substance calculated as carbon, but does not include any other added substances) classified as Class 1.1D explosives, UN Code no. 0222; ammonium nitrate (containing not more than 0.2% combustible material, including any organic substance calculated as carbon, but does not include any other additives Quality) classified as class 5.1 oxidizing solid, UN No. 1942. Ammonium nitrate combustion, and the easy (to) fuel mixing or heating a sharp explosion occurs Fried. Initiation will be subject to strong vibration. Respiratory, eye and skin irritation. Contact can cause nausea, vomiting, headache, weakness, Collapse and so on. Exposure can cause methemoglobinemia, affecting the oxygen-carrying capacity of the blood, cyanosis, headache, dizziness, exhaustion, and even death. Oral cause severe abdominal pain, vomiting, bloody diarrhea, shock, convulsions, coma and even death.

In March 2011 the State Council issued the "dangerous chemical safety regulations" [591 State Council Decree] provides for inspection and quarantine departments Responsible for

the import and export of hazardous chemicals and their packaging implementation of the inspection. To ensure the effective inspection and quarantine to carry out related business, regulate the import and export of nitric acid Ammonium inspection procedures, the development of this standard.

Import and export of dangerous chemicals inspection of ammonium nitrate Warning. Use of this standard should have dangerous chemicals inspection or testing work experience and related qualifications. This standard does not mean all possible security issues. Users are responsible for the use of appropriate safety and health practices and to ensure compliance with relevant national regulations condition.

1 Scope

This standard specifies the import and export of dangerous chemicals and packaging of ammonium nitrate terms and definitions, product characteristics, requirements, testing, qualification and determination Disposal.

This standard applies to the import and export of dangerous chemicals and packaging inspection ammonium nitrate.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 2945 ammonium nitrate GB/T 3723 Sampling of chemical products for industrial use General Safety GB/T 6678 General Principles for Sampling Chemical Products GB/T 6679 General rules for sampling solid chemicals GB 15258 rules for preparation of chemical safety labels GB 30000.2 classification and labeling of chemicals - Part 2. explosives Part 15 GB 30000.15 chemical classification and labeling specification. oxidizing solids SN/T 0370.3 export of dangerous goods packaging inspection procedures - Part 3. Identification SN/T 0987.2 export of dangerous goods inspection of intermediate bulk goods containers - Part 2. Identification SN/T 1828.2 and export of dangerous goods classification - Test methods - Part 2. Civil explosives SN/T 1828.3 and export of dangerous goods classification - Test methods - Part 3. oxidizing substances SN/T 3203 inspection of import and export of dangerous chemicals and explosives basic requirements SN/T 3213 import and export of dangerous chemicals inspection of the basic requirements of an oxidizing agent SN/T 3221 import of dangerous chemicals inspection of packaging SN/T 3656.1 import and export of hazardous chemicals test specification - Part 1. Explosives SN/T 3656.5 import and export of hazardous chemicals test specification - Part 5. oxidizers and organic peroxides List of Hazardous Chemicals (2002 Edition) About Recommendations on the Transport of Dangerous Goods Model Regulations (UNRTDG) on Transport of

Dangerous Goods Manual of Tests and Criteria Recommendations Globally Harmonized System of Classification and Labelling (GHS)

3 Terms and Definitions

GB 30000.2, GB 30000.15, SN/T 3203, SN/T 3213, SN/T 3656.1 and SN/T 3656.5
Definition of terms and definitions