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

SN/T 4216-2015

**Inspection rules for import and export dangerous chemical
products. Sulfur dioxide
(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 Anhui Exit Inspection and Quarantine, Ningbo Entry-Exit Inspection and People's Republic of China Quarantine Bureau.

Introduction

Sulfur dioxide, sulfurous acid anhydride alias at room temperature is a colorless gas with a pungent odor, easily liquefied. Sulfur dioxide can dissolve in water, acetone, ethyl More solvent alcohols, formic acid, acidic aqueous solution. Liquid sulfur dioxide is a good solvent. Sulfur dioxide in the chemical industry and pharmaceutical industry Preparation for the main bisulfites such as sodium bisulfite as a paper mill bleach; converted associated bisulfite and sulfite, such as sodium sulfite, sodium bisulfite, sodium metabisulfite, sodium bisulfite, sodium thiosulfate, preparation of sulfonyl chloride, thionyl chloride, production of gelatin and glue, used Reducing agents or solvents. At present, China's domestic production of sulfur dioxide can basically meet the demand, production capacity wide distribution.

United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) sulfur dioxide primary hazard classified as class 2.3 Toxic gases, dangerous times classified as Class 8 corrosive substances, UN number 1079. Sulfur dioxide can cause respiratory inflammation, bronchitis, lung Emphysema, conjunctivitis psychosis. While also making immunity adolescents decreased disease resistance becoming weaker. The role of sulfur dioxide in antioxidants, light Next, can generate sulfate aerosols, sulfate aerosols that can cause disease, increased patient mortality.

In March 2011 the State Council issued the "dangerous chemical safety regulations" (State

Council Decree No. 591) 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 implementation of the relevant inspection and quarantine operations, standardize import and export Dangerous chemicals and packaging inspection and supervision work, the development of this standard.

Inspection of import and export of hazardous chemicals sulfur dioxide Warning. Use of this standard should have the relevant inspection or testing work experience and relevant qualifications. This standard does not indicate 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 provides for the import and export of sulfur dioxide and packaging requirements, testing and conformity determination and disposal.

This standard applies to the import and export of sulfur dioxide and packaging inspection.

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 3637 liquid sulfur dioxide GB/T 3723 Sampling of chemical products for industrial use General Safety GB/T 6678 General Principles for Sampling Chemical Products GB/T 6681 General rules for sampling gaseous chemical products GB 7144 cylinders color logo GB 14193 Rules for filling of liquefied gas cylinders GB 15258 rules for preparation of chemical safety labels GB 15383 cylinder valve outlet connections and sizes GB/T 16483 MSDS Content and Order GB 16804 cylinders warning labels SN/T 0370.3 export of dangerous goods packaging inspection procedures - Part 3. Identification SN/T 1828.4 and export of dangerous goods classification - Test methods - Part 4. corrosive substances SN/T 1828.10 import and export of dangerous goods classification - Test methods - Part 10. Toxic gases SN/T 3206 import and export of dangerous chemicals inspection of the basic requirements of toxic gases SN/T 3216 inspection of import and export of hazardous chemicals corrosive acid basic requirements SN/T 3221 inspection of import of dangerous chemicals SN/T 3656.2 import and export of hazardous chemicals test specification - Part 2. Gas SN/T 3656.7 import and export of hazardous chemicals test specification - Part 7. corrosive substances 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

Terms and definitions SN/T 3206, SN/T 3216, SN/T 3656.2 and SN/T 3656.7, as defined in applicable to this document.