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

SN/T 3216-2012

**Inspection rules for import and export dangerous chemical
products. Acidic corrosive substances. General requirements
(English Translation)**

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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 Guangdong Entry Inspection and Quarantine Bureau, People's Republic of China Tianjin Entry-Exit Inspection and Quarantine Bureau.

Introduction

With the social development and technological progress, dangerous chemical species are also increasing, which covers safety regulations has become even more widespread in the country "List of Hazardous Chemicals" Existing released (2002) there are more than 3800 kinds of different types of hazardous chemicals, while the United Nations "on the crisis Recommendation Model Regulations dangerous goods transport "(TDG) and the" Globally Harmonized System of Classification and Labeling "(GHS) for the transport of dangerous chemicals and other transportation, packaging and labeling are also relevant requirements, and hazardous chemical species given clearly defined. Corrosive substances in accordance with the United Nations "on the danger Recommendations on the Transport of goods, Model Regulations "classified as dangerous goods of Class 8, into corrosive acid, alkaline corrosive substances and other corrosive substances.

Corrosive acid in hazardous chemicals in large wide, including in its acid anhydride, acid chloride, chlorides, oxides, acid and weak base salts.

Corrosive acid addition itself has a strong corrosive properties of metal, biological tissue outside, but also has some toxicity (such as hydrofluoric acid, bromine, pentafluoro Antimony, etc.) or flammable (e.g. formic acid, acetic anhydride, acrylic acid, etc.) or oxidizing (e.g., concentrated nitric acid, concentrated sulfuric acid, perchloric acid, etc.). The State Council in 2011 March release of "dangerous chemical safety regulations" (State

Council Decree 591) defined the inspection and quarantine departments are responsible for the import and export of hazardous Chemicals and their packaging implementation of the inspection. Import and export of dangerous chemicals "on the State Administration of Quality Supervision, Inspection and Quarantine February 29, 2012 released Products and their packaging inspection and regulatory issues related to notice "(No. 30, 2012 announcement) Article points out the import and export of hazardous chemicals and packages Installed in accordance with the AQSIQ designated technical specifications, the standard requires the implementation of inspection and supervision, inspection and quarantine to ensure the effective opening of the relevant business Exhibitions and standardizing import and export of dangerous chemicals inspection program, the development of this standard.

The standard test procedures as corrosive acid basic technical specifications, can guide the inspectors in accordance with the "on the import and export of hazardous chemicals and Packaging inspection and supervision issues related to notice "(No. 30, 2012 announcement) requires an acidic corrosive hazardous chemicals to implement inspection and supervision.

The criteria to determine the basic content standards can guide workers to dangerous chemicals in developing test procedures to establish standards and research Technical elements, so standards to systematic, scientific, applicability and operability requirements to ensure a coordinated series of standards.

Inspection of import and export of dangerous chemicals Corrosive acid basic requirements Warning. Use of this standard inspection or testing persons with relevant work experience. This standard does not point out all possible security issues.

Users are responsible for the use of appropriate safety and health practices and to ensure compliance with the conditions relevant national regulations.

1 Scope

This standard specifies the terms and definitions import and export of hazardous chemicals corrosive acid, requirements, testing, determination and disposal.

This standard applies to the import and export of hazardous chemicals corrosive acid test (see Appendix corrosive acid List A), not including the use of Corrosive acid bulk transport and pipeline transportation.

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/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan GB/T 6679 General rules for sampling solid chemicals GB/T 6680 General rules for sampling liquid chemicals GB 15258 rules for preparation of chemical safety 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 3074.7 import and export of hazardous chemicals test specification - Part 7. corrosive substances SN/T 3221 import of dangerous chemicals inspection of packaging List of Hazardous Chemicals (2002) (State Administration of Work Safety Bulletin No. 1, 2003) Transport of Dangerous Goods Recommendations Manual of Tests and Criteria (UN) About Recommendations on the Transport of Dangerous Goods Model Regulations (UN, 17th Edition) Globally Harmonized System of Classification and Labelling (UN, 4th Edition)

3 Terms and Definitions

The following terms and definitions apply to this document.

Corrosives corrosivesubstances Biological tissue by chemical action will cause severe damage when in contact, or when the leak will seriously damage or even destroy, other goods or transport Lose substance tool. Corrosive substances comprising.

- 1) make the intact skin tissue exposed more than 60min, but not more than 4h after the start of the observation period up to 14d full thickness destruction Substances;
- 2) is judged not to cause full thickness destruction of intact skin tissue, but at 55 °C test temperature of S235JR CR-type or similar type Surface corrosion rate of steel or aluminum composite exceeds 6.25mm/year substances.