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

SN/T 4221-2015

**Inspection rules for import and export dangerous chemical
products. Acrylic acid
(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 Anhui CIQ.

Introduction

Acrylic is usually a colorless liquid with a pungent odor; miscible with water, soluble in ethanol, ethyl ether. Acrylic acid derivatives of propylene Second only to polypropylene, acrylonitrile and propylene oxide derivatives of the fourth category, is an important organic synthetic raw materials and synthetic resin monomer, most for the manufacture of methyl acrylate, ethyl acrylate, butyl acrylate, hydroxy ethyl acrylate, etc., for the synthetic resins, synthetic fibers, superabsorbent, building materials, Paint and other industrial sectors. Acrylic main origin of Shanghai, Jiangsu, Zhejiang and other major importing countries as Japan, Korea and so on.

United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) acrylic main risk classified as Class 8 corrosive Substances, dangerous times classified as a Category 3 flammable liquid, UN No. 2218. Acrylic acid in the transport, storage, shall add certain the amount of polymerization inhibitor (eg. 4-methoxyphenol), suppressing self-polymerization of acrylic acid. Acrylic flammable vapor and air can form explosive mixtures, in case of fire, high-heat combustion caused the explosion. It can react with oxidants. In case of high fever, can occur polymerization reaction and emit a lot of heat Causing container rupture and explosion. On the skin, the eyes have a strong stimulating effect, slow wound healing. It can occur after contact with respiratory irritation symptom.

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 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.

Import and export of dangerous chemicals inspection of acrylic acid 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 specifies the import and export of acrylic acid and their packaging requirements, testing and conformity determination and disposal.

This standard applies to the import and export of acrylic acid and its 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/T 3723 Sampling of chemical products for industrial use General Safety GB/T 6678 General Principles for Sampling Chemical Products GB/T 6680 General rules for sampling liquid chemical products GB 15258 rules for preparation of chemical safety labels GB/T 17529.1 industrial use - Part 1 acrylic acid and esters. Industrial Acrylic 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 1828.4 and export of dangerous goods classification - Test methods - Part 4. corrosive substances SN/T 1828.13 import and export of dangerous goods classification - Test methods - Part 13. Flammable liquid SN/T 3209 import and export of dangerous chemicals inspection of the basic requirements of a high flash point of flammable liquids SN/T 3216 inspection of import and export of hazardous chemicals corrosive acid basic requirements SN/T 3221 import of dangerous chemicals inspection of packaging SN/T 3656.3 import and export of hazardous chemicals test specification - Part 3. Flammable liquids 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 3209, SN/T 3216, SN/T 3656.3 and SN/T 3656.7, as defined in applicable to this document.

4 Product Properties

4.1

Chinese name. acrylic acid.