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

SN/T 4222-2015

**Inspection rules for import and export dangerous chemical
products. Acrylonitrile
(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 Entry-Exit Inspection and Quarantine Tianjin People's Republic of China Bureau, People's Republic of China Shanghai Entry-Exit Inspection and Quarantine Bureau.

Introduction

Acrylonitrile is usually colorless liquid with a pungent odor, slightly soluble in water, benzene, acetone, methanol and other organic solvents miscible. Acrylonitrile Mainly for the manufacture of polyacrylonitrile, nitrile rubber, dyes, synthetic resins, pharmaceuticals and the like. The main origin of acrylonitrile Jilin, Shanghai, mountain East, Anhui and other provinces, the main importing countries the United States and South Korea.

United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) acrylonitrile main risk classified as a Category 3 flammable Liquid, secondary hazard classified as Class 6.1 toxic substances, the United Nations No. 1093. Acrylonitrile in the transport, storage, adding a certain amount to be the polymerization inhibitor (eg. hydroxyanisole), suppressing self-polymerization of acrylonitrile. Acrylonitrile is highly flammable vapor and air can form explosive mixtures, in case of fire, heat can lead to a fire or explosion, and emit toxic gases. Acrylonitrile through the respiratory tract, gastrointestinal tract and intact skin into the body.

Precipitation of cyanide in the body, respiratory enzyme inhibition; paralysis of the respiratory center has a direct effect. Severe poisoning grand mal epilepsy-like convulsions, coma, pulmonary Edema.

In March 2011 the State Council issued the "Dangerous Chemicals Regulations" [State Council Decree 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.

Import and export of dangerous chemicals inspection of acrylonitrile Warning. Use of this standard should have the relevant inspection or testing work experience and relevant qualifications. 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 provides for the import and export of acrylonitrile and packaging requirements, testing, qualified judgment and disposition.

This standard applies to the import and export of acrylonitrile 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/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 chemicals GB/T 7717.1 Acrylonitrile for industrial use - Part 1. Specification GB/T 7717.12 Acrylonitrile for industrial use - Part 12. Determination of purity and impurity gas chromatography 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 1828.9 and export of dangerous goods classification - Test methods - Part 9. Toxic Substances SN/T 1828.13 import and export of dangerous goods classification - Test methods - Part 13. Flammable liquid SN/T 3207 import and export of dangerous chemicals inspection of the basic requirements of low flash point of flammable liquids SN/T 3215 inspection of import and export of hazardous chemicals toxic chemicals 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 3656.6 import and export of hazardous chemicals test specification - Part 6. Acute toxicity 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

SN/T 3207, SN/T 3215, the terms and definitions SN/T 3656.3 and SN/T 3656.6, as defined in applicable to this document.

4 Product Properties

4.1

Chinese name. acrylonitrile, also known as vinyl cyanide, vinyl cyano.