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

SN/T 4204-2015

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

Introduction

Hydrogen cyanide is a colorless liquid at room temperature, the smell of bitter almonds. Hydrogen cyanide soluble in water, alcohol, ether and the like. Alkali and generate hydrogen cyanide salts thereof when boiling water, partial hydrolysis to generate ammonium formate. Under basic conditions, with an aldehyde, a ketone cyanohydrin combine to form, with acetone to acetone Effect Cyanohydrin. Hydrogen cyanide is mainly used in the manufacture of acrylonitrile and acrylic resins and pesticides, and sodium cyanide is the most basic and most important of cyanide Hydrogen downstream products.

In accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) hydrogen cyanide main risk is classified as 6.1 Class of toxic substances, dangerous times classified as a Category 3 flammable liquid, UN No. 1051. Highly toxic hydrogen cyanide, a short time inhalation of high concentrations of cyanide Hydrogen, can cause immediate respiratory arrest and death. Hydrogen cyanide flammable vapor and air can form explosive mixtures case of fire, high-heat Combustion caused the explosion.

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 hydrogen cyanide 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 hydrogen cyanide and packaging requirements, testing and conformity determination and disposal.

This standard applies to the import and export of hydrogen cyanide 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 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 1828.9 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. toxic chemicals 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 3207, SN/T 3215, SN/T 3656.3 and SN/T 3656.6 defined apply to this document.

4 Hydrogen cyanide Characters

4.1

Chinese name. hydrogen cyanide, also known as anhydrous hydrocyanic acid.