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

SN/T 4220-2015

**Inspection rules for import and export dangerous chemical
products. Acetone cyanohydrin
(English Translation)**

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Table of Contents

- Foreword
- Introduction
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Product Properties

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 Shandong CIQ.

Introduction

Acetone cyanohydrin as a colorless or light yellow liquid, soluble in water, soluble in alcohol, ether, soluble in acetone, benzene, slightly soluble in petroleum ether, disulfide carbon. Mainly acrylic monomer methyl methacrylate --- intermediates, also used in organic synthesis, manufacturing, and other pesticides. Acetone cyanohydrin main Origin of our Beijing, Shanghai, Guangdong, Hubei and other provinces and cities, the main importing countries of Belarus.

In accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (UNRTDG) classification, acetone cyanohydrin classified as a Class 6.1 Toxic substances UN number 1541. Acetone cyanohydrin case of fire, combustible high fever. Vapor is heavier than air diffusion along the ground and easy to accumulate in low-lying Office, fire source will fire back. In case of high fever, increased pressure within containers, cracking and the risk of explosion. The product vapor or liquid on the skin, sticky the film has a stimulating effect, hydrocyanic acid toxicity and the same. Early symptoms of poisoning have weakness, dizziness, headache, chest tightness, heart palpitations, nausea, vomiting, and food for loss, severe cases can be fatal. It can cause dermatitis.

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 inspection and quarantine to carry out related business, regulate the import and export of acetone Cyanohydrin inspection procedures, the development of this standard.

Import and export of dangerous chemicals inspection of acetone cyanohydrin Warning. Use of this standard should have dangerous chemicals inspection or testing work experience and related qualifications. This standard does not mean 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 hazardous chemicals and their packaging acetone cyanohydrin terms and definitions, product characteristics, requirements, testing, qualified judgment and disposal.

This standard applies to the import and export of hazardous chemicals acetone cyanohydrin and their 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 30000.18 classification and labeling of chemicals - Part 18. Acute toxicity 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 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 3656.6 import and export of hazardous chemicals test specification - Part 6. Acute toxicity Q/SH012.02.08 acetone cyanohydrin 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

GB 30000.18, terms and definitions SN/T 3215 and SN/T 3656.6 defined apply to this document.

4 Product Properties

4.1

Chinese name. Acetone cyanohydrin, also known as 2-hydroxy-isobutyronitrile; cyanide-propanol; 2-methyl-2-hydroxy propionitrile; 2-methyl-milk nitrile; 2-hydroxy-2-methyl Propionitrile; alpha- hydroxy-isobutyronitrile; acetone cyanohydrin.

4.2

English name. Acetonecyanohydrin.