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

SN/T 4208-2015

**Inspection rules for import and export dangerous chemical
products. Chlorine
(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. Dongguan Comprehensive Inspection & Quarantine Technology Center, People's Republic of China Guangdong Entry-Exit Inspection Quarantine Bureau.

Introduction

Chlorine is usually obtained by the electrolytic method, decontaminated after drying, under a certain pressure from the delivery tube of calcium chloride brine (-25 °C ~-35 °C) cooled, condensed into a liquid chlorine. Under normal temperature and pressure chlorine is yellow-green, pungent gas, slightly soluble in water, soluble in disulfide Carbon and carbon tetrachloride. At room temperature, a pressure above 709kPa when chlorine is golden yellow liquid. Mainly for the manufacture of vinyl chloride, epichlorohydrin, chlorine Propylene, chlorinated paraffins, also used as a disinfectant in water treatment processes. Bohai Sea, northwest and southwest region is the main origin of liquid chlorine. Eye Before, the main exporter of imports are Japan, South Korea.

In accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations", classified as Class 2.3 toxic chlorine gas, and also has a first Class 5.1 oxidizing substances and Vice-risk Class 8 corrosive substance, UN number 1017. Chlorine is a strong irritant gas, the when inhalation, in contact with the respiratory mucosa surface moisture to produce hydrochloric acid, hypochlorous acid, hypochlorous acid and then decomposed into hydrochloric acid and nascent oxygen to produce Local irritation and corrosion. Chlorine burn, but can support combustion.

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.

Inspection of import and export of hazardous chemicals chlorine 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 requirements for the import and export of chlorine and its packaging, testing and conformity determination and disposal.

This standard applies to the import and export of chlorine 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 5138 Liquid chlorine for industrial use GB/T 6678 General Principles for Sampling Chemical Products GB/T 6681 General rules for sampling gaseous chemical products GB 15258 rules for preparation of chemical safety labels GB 30000.19 classification and labeling of chemicals - Part 19. Skin corrosion/irritation Part 20 GB 30000.20 chemical classification and labeling specifications. Serious eye damage/eye irritation GB 30000.28 chemical classification and labeling specifications - Part 28. aquatic environmental hazards SN/T 1828.3 and export of dangerous goods classification - Test methods - Part 3. oxidizing substances SN/T 1828.4 and export of dangerous goods classification - Test methods - Part 4. corrosive substances SN/T 1828.10 import and export of dangerous goods classification - Test methods - Part 10. Toxic gases SN/T 3206 import and export of dangerous chemicals inspection of the basic requirements of toxic gases SN/T 3213 import and export of dangerous chemicals inspection of the basic requirements of an oxidizing agent SN/T 3216 import and export of dangerous chemicals inspection of the basic requirements of an acidic etchant SN/T 3220 import and export of dangerous chemicals inspection of a pipeline to transport liquid bulk transport and basic requirements SN/T 3656.2 import and export of hazardous chemicals test specification - Part 2 gas SN/T 3656.5 import and export of hazardous chemicals test specification - Part 5 oxidizing substances and organic peroxides 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

GB 30000.19, GB 30000.20, GB 30000.28, SN/T 3206, ST/T 3213, SN/T 3216, SN/T 3656.2, SN/T 3656.5 and SN/T 3656.7 Definition of terms and definitions apply to this document.