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

LY/T 1645-2005

Domestic camphor

日用樟脑

(English Translation)

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Foreword

Appendix A, Appendix B, Appendix C and Appendix D of this standard are informative annexes.

This standard was proposed by the Institute of Chemical Industry of Forest Products of the Chinese Academy of Forestry.

This standard is under the jurisdiction of the Institute of Chemical Industry of Forest Products of the Chinese Academy of Forestry.

Introduction

This standard is a general standard for daily use of camphor products.

The main raw material used in daily camphor products is that the camphor is made from natural turpentine terpene after isomerization and addition and esterification of terpenes.

Chemical reaction (or direct hydration of terpenes), isothermal dehydrogenation, and a series of chemical reactions, such as rectification, crystallization, sublimation, etc.

The product obtained by the process is white powdery crystal, no optical activity, aromatic smell and cool feeling. The chemical name of synthetic camphor is anthrone-2.

The system was named 1,7,7-trimethyl-bicyclo[2,2,1]heptan-2-one. It differs from natural camphor in its ability to rotate. Camphor is recommended it is used as a green product for the production of insecticide products.

This standard applies to various types of daily camphor products made from synthetic

camphor or natural camphor as the basic raw materials. These Brain products are mainly used for anti-mite, insect repellent, anti-corrosion, incense, etc. of clothes, fabrics, books, archives, paper, wood and the like.

Daily camphor

1 Scope

This standard specifies the appearance, traits, smell, requirements, test methods, functional additives, shape, size, packaging, signs, and daily use of camphor.

Storage, transportation, sanitation and management.

This standard applies to various types of daily camphor products made from synthetic camphor or natural camphor as the basic raw materials.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB 190 dangerous goods packaging mark GB/T 4472 General rules for the determination of density and relative density of chemical products GB/T 4895 synthetic camphor GB/T 6679 Solid Chemical Products Sampling General HJBZ32-1999 safe insecticide

3 Terms and definitions

The following terms and definitions apply to this standard.

Synthetic camphor or natural camphor as the basic material, if necessary, add a certain proportion of functional additives such as pigments, flavors or fragrances and then, through various processes such as stamping and forming, have various shapes and sizes, mainly used for clothes, fabrics, books, the camphor products of anti-mite, insect repellent, anti-corrosion, incense, etc. of files, paper, wood, etc.

In order to increase the visual aesthetics of the product, adjust the fragrance, add other functions, etc. according to different product requirements, but not for the human body A small amount of ingredients that are toxic, harmless, and have no adverse effects on the environment.

Note: Common chromatographic profiles and relative guarantees of several substances (such as naphthalene, p-dichlorobenzene, etc.) that may not be used as functional additives for adulteration.

See Appendix D for the time of stay.

4.1 Appearance

A colorless or colored, transparent or translucent solid with a glossy surface.

4.2 Solubility

It is insoluble in water and floats above the water surface. It is easily soluble in organic solvents such as ethanol, ether and chloroform.

4.3 Smell

It has a unique aroma and refreshing odor, or has some artificial aroma and no other odor.

5 Requirements

The quality of daily camphor products should meet the requirements of Table 1.