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

HG/T 3643-1999

**Chlorinated paraffins-70
(English Translation)**

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Foreword

There are many domestic chlorinated paraffin-70 manufacturers, some of their products are exported to earn foreign exchange. Since the enterprise standards of various manufacturers are different in inspection methods, project settings, index values, they cannot meet the needs of users. In order to adapt to the needs of market development and improve the competitiveness of products in the international market, this industry standard is specially formulated.

This standard does not set color and density in the item setting, but adds sieve residue and heating loss.

This standard was proposed by the Technical Supervision Department of the former Ministry of Chemical Industry of the People's Republic of China.

This standard shall be under the jurisdiction of the Chemical Additives Sub-Technical Committee of the National Rubber and Rubber Products Standardization Technical Committee.

Drafting organization of this standard. Shenyang Chemical Co., Ltd., Shanxi Chemical Research Institute.

1 Scope

This standard specifies the requirements, test methods, inspection rules, markings, instructions for use, packaging, transportation and storage of chlorinated paraffin-70.

This standard applies to chlorinated paraffin-70 obtained by chlorination of high carbon wax.

2 Normative references

The provisions contained in the following standards constitute the provisions of this standard through reference in this standard. When this standard is published, the versions shown are valid. All standards will be revised, and parties using this standard should explore the possibility of using the latest versions of the following standards.

GB/T 601-1988 Chemical reagent - Preparations of standard volumetric solutions

GB/T 603-1988 Chemical reagent - Preparations of reagent solutions for use in test methods (neq ISO 6353-1:1982)

GB/T 1250-1989 Rules for expression and judgement of limiting values

GB/T 6682-1992 Water for analytical laboratory use - Specification and test methods (neq ISO 3696:1987)

GB/T 8170-1987 Rules for rounding off of numerical values

GB/T 11409.3-1989 Test method of softening point for rubber antiager and vulcanizing accelerators

GB/T 11409.4-1989 Test method of weight loss on heating for rubber antiager and vulcanizing accelerators

GB/T 11409.5-1989 Test method of residue on sieve for rubber antiager and vulcanizing accelerators

HG/T 3017-1988 Chlorinated paraffins - Determination of chlorine content. Mercurimetric method

HG/T 3018-1988 Chlorinated paraffins - Determination of thermal stability index

5.2 The quality inspection department of the production unit shall inspect each item

according to this standard. The production unit shall ensure that all products leaving the factory meet the requirements of this standard and attach quality certificates.

5.3 The user has the right to inspect the chlorinated paraffin-70 products received

according to this standard.

5.4 The number of sampling bags in each batch shall not be less than 5% of the total

number of bags; it shall not be less than three bags at least. The sampler shall be inserted vertically from the bag mouth to take out representative samples. The sample of each bag shall not be less than 0.5 kg. Mix well and sample by quartering method. Quickly put no less than 0.5 kg of samples into two clean, dry, ground-mouth bottles with lids. Label the bottles with the manufacturer name, product name, batch number, sampling date. One bottle is used for inspection and the other is kept for future reference.

5.5 The storage period of samples kept for future reference is three months for domestic

sales and six months for export.

5.6 The numerical rounding of the analysis results shall be carried out in accordance

with GB/T 8170; the determination of the analysis results shall be carried out in accordance with GB/T 1250.

5.7 If one of the test results does not meet the requirements of this standard, the sample

shall be doubled for inspection. If the result still does not meet the standard requirements, the batch shall be unqualified.

5.8 When the supplier and the buyer have any objections to the product quality, the two

parties shall negotiate to resolve the dispute. If arbitration is required, it shall be carried out in accordance with the provisions of this standard.

6.1 Marking

The content of the marking includes. product name, standard number, net content, factory name, factory address, production date, trademark, "avoid moisture" mark.

6.2 Instruction manual

- a) Product features.
- b) Main uses and scope of application.

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