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PETROCHEMICAL INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 75.140

E 42

NB/SH/T 0417-2013

Replacing HG/T 0417-92

Light liquid paraffin wax

轻质液体石蜡

Issued on: June 08, 2013

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Foreword

This standard was prepared in accordance with the requirements of GB/T 1.1-2009 "Directives for standardization - Part 1: Structure and drafting of standards".

This standard replaces SH/T 0417-92 "Liquid paraffin wax".

The main differences between this standard and SH/T 0417-92 "Liquid paraffin wax" are as follows:

- CHANGE the standard name from liquid paraffin to light liquid paraffin wax;
- MODIFY the mechanical impurities and water into appearance;
- CANCEAL distillation range indicators; ADD indicators such as carbon number distribution, bromine index, Saybolt color, sulfur content, average molecular weight;
- MODIFY the total content of n-alkanes into not less than 98.5% (mass fraction);
- MODIFY the aromatics content into not more than 0.4% (mass fraction);
- ADD the chapter of inspection rules;
- ADD the chapter of safety.

This standard was proposed by China Petrochemical Corporation.

This standard shall be under the jurisdiction of the Petroleum Wax Products Subcommittee of the National Petroleum Products and Lubricants Standardization Technical Committee (SAC/TC 280/SC 3).

Drafting organization of this standard: China National Petroleum Corporation Fushun Petrochemical Company.

The main drafters of this standard: Yan Dehuai, Chen Hao, Zhu Hongjun.

This standard was first issued in 1975. It was revised for the first time in 1992. This is the second revision.

Light liquid paraffin wax

1 Scope

This standard specifies the requirements and test methods, inspection rules, markings, packaging, transportation, storage, safety of light liquid paraffin wax.

This standard applies to light liquid paraffin wax, which is used as chemical raw materials.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this standard.

GB 190 Packing symbol of dangerous goods

GB/T 511 Petroleum products and additives - Method for determination of mechanical admixtures

GB/T 3555 Petroleum products - Determination of Saybolt color - Saybolt chromometer method

GB/T 4756 Method for manual sampling of petroleum liquids

GB 13690 General rule for classification and hazard communication of chemicals

GB 20851 Chemical products - Classification, warning signs, safety specification of warning statements - Flammable liquids

SH 0164 Rules for the packing, storage, transportation and inspection upon delivery of petroleum products

SH/T 0253 Determination method for total sulfur content in light petroleum products (coulometric method)

SH/T 0409 Determination of aromatic hydrocarbons in liquid paraffin (UV spectrophotometric method)

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