ICS 71.100.40
CCS G73

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 26458-2011

Fatty alkyl dimethyl amine oxides

脂肪烷基二甲基氧化胺

Issued on: May 12, 2011 **Implemented on: September 15, 2011**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

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Foreword

This standard is in accordance with GB/T 1.1-2009 "Standardization Guide Part 1. Standard structure and drafting" rule is encoded written. Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents. The standard proposed by China National Light Industry Council. This standard by the National Standardization Technical Committee and the detergent surfactant (SAC/TC272) centralized. This standard was drafted. Flying Chemicals (Zhangjiagang) Co., Ltd., Guangzhou City Star Technology Development Co., China Daily Chemical Industry Institute/National Cleaning Products Quality Supervision and Inspection Center (Taiyuan). The main drafters of this standard. Marin, Chen Yao, even the workers treasure, Ye Jianzhong. Fatty alkyl dimethyl amine oxide

1 Scope

GB/T 26458-2011 is the Chinese national standard on fatty alkyl dimethyl amine oxides, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 May 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 15 September 2011. Classification: ICS 71.100.40, CCS G73. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the fatty alkyl dimethyl amine oxide product classifications, requirements, test methods, inspection rules and signs, packaging, transportation, Storage. This standard applies to fatty alkyl dimethyl amine with hydrogen peroxide in the reaction product.

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. Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 3143 Determination of color liquid chemicals (Hazen unit - platinum - cobalt color number) Determination of cationic detergent surfactant active matter content

GB/T 5174 Determination of

GB/T 6368 aqueous surfactant solution of pH potentiometric method QB/T 2344-1997 amphoteric surfactant is fatty alkyl dimethyl betaine Preparation QB/T 2739-2005 detergent commonly used test methods for analysis of titration (volumetric analysis) with the test solution

3 Product Categories

Fatty alkyl dimethyl structural formula of the amine oxide. NH2n 1Cn CH3 CH3 n = 12 ~ 18 -> O Fatty alkyl dimethyl amine oxides of carbon atoms and its aliphatic alkyl group can be divided into the following six specifications. Lauryl dimethyl amine oxide, OA-12; Twelve/tetradecyl dimethyl amine oxide, OA-12/14; Tetradecyl dimethyl amine oxide, OA-14; Hexadecyl dimethyl amine oxide, OA-16; Sixteen/stearyl dimethyl amine oxide, OA-16/18; Eighteen/cetyl dimethyl amine oxides, OA-18/16.

4 Requirements

Fatty alkyl dimethyl amine oxide physical and chemical indicators should meet the requirements of Table 1.