

ICS 71.100.40

CCS G73



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

GB/T 15046-2011

Replacing GB/T 15046-1994

Fatty diethanol amide

脂肪酰二乙醇胺

Issued on: December 30, 2011

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Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 1.5 Type and
- 2 Normative references
- 3 Product Categories
- 4 Requirements
- 4.2 Physical indicators

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 15046-1994 "fatty acid diethanolamine." Compared with the standard GB/T 15046-1994 The main changes are as follows:

- Modify the scope of the standard;
- Increasing the glycerin index;
- Increasing the moisture index;
- Increased petroleum ether lysate indicators;
- Increased at a pH value. 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. the Hai Mailun Japan Ltd., surfactant and detergent industry Productivity Promotion Center, Chan Yu, Zhejiang Branch Technology Co., Ltd., China Daily Chemical Industry Institute. The main drafters. Zhang Hongfei, Fan Ping, Huang Yaru, Yao Chen's. This standard replaces the standards previously issued as follows:
 - GB/T 15046-1994. Fatty diethanolamide

1 Scope

GB/T 15046-2011 is the Chinese national standard on fatty diethanol amide, 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 30 December 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 1 September 2012. 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 acid diethanolamine product classifications, requirements, test methods, inspection rules and signs, packaging, transportation, storage and security Shelf. This standard applies to the fatty acid methyl esters or fatty acids and oils with diethanolamine synthetic fatty acid diethanolamine products.

1.5 Type and

1.2 type. Fatty diethanolamide of the formula $RC\ N\ (CH_2CH_2OH)_2$

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. Determination of

GB/T 6368 aqueous surfactant solution of pH potentiometric method Stearic acid test method

GB/T 9104-2008 industry Determination of

GB/T 11275 surfactant water content 11989 anions Determination GB/T surfactant matter content in petroleum ether GB /Determination of animal fats 1- monoglycerides and free glycerol contents T 22328

3 Product Categories

A type. from fatty acids and fatty acid methyl diethanolamine or synthetic fatty acid diethanolamine. Type B. from oil and diethanolamine direct synthesis of fatty acid diethanolamine. A molar reaction products according to the score of

1.2 type, B-type products according to the reactant mole score was

4 Requirements

4.1 Appearance 25 °C, pale yellow to yellow viscous liquid or paste.

4.2 Physical indicators

4.2.1 A type of fatty acid diethanolamine A type of fatty acid diethanolamine physical and chemical indicators should be consistent with Table 1.