

(PREVIEW)

## *Indian Standard*

# SPECIFICATION FOR MAIZE (CORN) OIL

### FOREWORD

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 24 November 1966, after the draft finalized by the Oils and Oilseeds Sectional Committee had been approved by the Chemical Division Council and the Agricultural and Food Products Division Council.

**0.2** Maize (corn) oil is obtained from the germs of the seeds of plant *Zea mays* Linn. fam Gramineae, which are separated from the remainder of the kernel by the wet or dry milling process when the latter is prepared for the manufacture of starch or glucose. The oil is marketed as edible oil in various countries, notably in Europe and USA. So far, the maize oil produced in India has been used in the manufacture of non-edible industrial products, such as the soaps made in the small scale sector. In view of the scarcity of edible oils in the country and also the fact that maize oil is an edible nutritious fat, it was felt that the publication of a national standard would aid the development of the maize oil industry so that a material of a uniform quality could be marketed for edible purposes.

**0.3** This standard is based on the accumulated technical experience and analytical data of producers, consumers and technologists in the country. Assistance has also been derived from the information given in the following publications:

B.S. 651 : 1950 Crude maize oil. British Standards Institution.

AOCS Table 1 Physical and chemical characteristics of oils, fats and waxes. Chicago. American Oil Chemists Society, 1946. P 1-46.

The Pharmacopoeia of the United States of America. 1960. Seventeenth Revision. Committee of Revision and Board of Trustees, US Pharmacopoeial Convention, Inc., Washington.

### 1. SCOPE

**1.1** This standard prescribes the requirements and the methods of sampling and test for maize (corn) oil.