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English version

Fertilizers - Denominations and specifications

Engrais - Dénominations et spécifications

Düngemittel - Benennungen und Anforderungen

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This CEN report is published by the European Committee for Standardization. It has been prepared by the Technical Committee CEN/TC 260 "Fertilizers and liming materials" the secretariat of which is held by DIN. This CEN Report has been written in the style of a European Standard but it is published for information only and does not have the status of a European Standard.

1 Scope

This CEN Report gives names, descriptions, and the minimum information which may be provided for some fertilizers not included in EC regulations, but which are allowed to be traded in individual markets in the European area.

2 Normative references

This CEN Report incorporates by dated or undated reference, provisions from other publications. These references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this CEN Report only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12944 (all parts), *Fertilizers and liming materials — Vocabulary*.

3 Terms and definitions

For the purpose of this CEN report the terms and definitions given in EN 12944 (all parts) apply.

4 Product names, description and minimum information

The content of nutrient(s) is expressed by mass fraction (m/m) in percent of the fertilizer.

No coating material or additive shall be used which increases the sensitivity of ammonium nitrate containing fertilizers, or conflicts with already existing regulations related to content of organic matter and additives.

5 Inorganic nitrogenous, phosphatic and potassic fertilizers

See tables 1 to 3

Table 1 — Inorganic nitrogenous fertilizers

No.	Product name	Description	Minimum information to be provided Forms and solubilities of nutrients
1	Calcium nitrate Urea	Product containing as its essential ingredients urea (carbamide) and calcium nitrate with a total nitrogen content of at least 30 %, and with a minimum nitric nitrogen content of 6 % a maximum ammoniacal nitrogen content of 0,8 %, and a maximum biuret content of ureic N x 0,026.	Total nitrogen Nitric nitrogen Ureic nitrogen
2a	Sulfur coated urea	Coated product containing as its essential ingredient urea (carbamide) and sulfur as coating material which modifies its nutrient release characteristics with a ureic nitrogen content of at least 30 %, a maximum biuret content of ureic N x 0,026, and a minimum content of sulfur of 10 %.	Total nitrogen Ureic nitrogen Total sulfur