

COUNCIL DIRECTIVE

of 12 July 1982

amending Directive 78/663/EEC laying down specific criteria of purity for emulsifiers, stabilizers, thickeners and gelling agents for use in foodstuffs

(82/504/EEC)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Council Directive 74/329/EEC of 18 June 1974 on the approximation of the laws of the Member States relating to emulsifiers, stabilizers, thickeners and gelling agents for use in foodstuffs ⁽¹⁾, as last amended by Directive 80/597/EEC ⁽²⁾, and in particular Article 7 (1) thereof,

Having regard to the proposal from the Commission,

Whereas Council Directive 78/663/EEC ⁽³⁾ lays down specific criteria of purity for emulsifiers, stabilizers, thickness and gelling agents for use in foodstuffs;

Whereas Directive 80/597/EEC has amended Annex I to Directive 74/329/EEC so as to authorize Xanthan gum (E 415) and powdered cellulose (E 460 — (ii)) and,

for this reason, the criteria of purity of these substances should be defined and the nomenclature of E 460 amended in consequence;

Whereas Directive 78/663/EEC provides that, as regards substances E 474 and E 477, the Council may, acting unanimously on a proposal from the Commission, decide on any necessary amendments by 31 December 1981;

Whereas the criteria of purity for substances E 400, E 401, E 402, E 403, E 404 and E 405 should be modified to take account of scientific developments, particularly of methods of analysis,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Directive 78/663/EEC is hereby amended as follows:

1. Article 2 shall be replaced by the following:

'Article 2

As regards the substances referred to in the Annex under E 477, Member States may, until 31 December 1984, authorize for use in foodstuffs a product containing not more than 4 % dimer and trimer of propane-1,2-diol.'

2. The Annex shall be amended as follows:

- (a) Under E 400, E 401, E 402, E 403, E 404 and E 405, the entries relating to insoluble matter in dilute NaOH shall be deleted, and the text of the entries relating to acid-insoluble ash shall be replaced by 'Not more than 2 %'.

⁽¹⁾ OJ No L 189, 12. 7. 1974, p. 1.

⁽²⁾ OJ No L 155, 23. 6. 1980, p. 23.

⁽³⁾ OJ No L 223, 14. 8. 1978, p. 7.

(b) The following shall be inserted between E 414 and E 420 — (i):

'E 415 — Xanthan gum

<i>Chemical description:</i>	Xanthan gum is a high molecular weight polysaccharide gum produced by pure-culture fermentation of a carbohydrate with <i>Xanthomonas campestris</i> , purified by recovery with ethanol or isopropanol, dried and milled. It contains D-glucose and D-mannose as the dominant hexose units, along with D-glucuronic acid and pyruvic acid, and is prepared as the sodium, potassium or calcium salt. Its solutions are neutral.
<i>Description</i>	Cream-coloured powder.
<i>Content</i>	Xanthan gum yields, on a volatile matter-free basis, not less than 4.2 % and not more than 5.0 % of carbon dioxide.
<i>Volatile matter</i>	Not more than 15 % determined by drying at 105 °C for 2½ hours.
<i>Ash</i>	Not more than 16 % on a volatile-matter-free basis determined at 600 °C after drying at 105 °C for four hours.
<i>Pyruvic acid</i>	Not less than 1.5 %.
<i>Nitrogen</i>	Not more than 1.5 %
<i>Isopropanol</i>	Not more than 750 mg/kg.
<i>Microbiological criteria</i>	Viable cells of <i>Xanthomonas campestris</i> shall be absent.'

(c) The number 'E 460' shall become 'E 460 — (i)'.

(d) The following shall be inserted between E 460 — (i) and E 461:

'E 460 — (ii) Powdered cellulose

<i>Chemical description</i>	Powdered cellulose is purified mechanically disintegrated cellulose prepared by processing alpha-cellulose obtained directly from fibrous plant material. It has a molecular weight of 1.6×10^5 or greater.
<i>Description</i>	A white, odourless powder.
<i>Content</i>	Not less than 92 % ($C_{12}H_{20}O_{10}$) _n .
<i>Volatile matter</i>	Not more than 7 % determined by drying at 105 °C for three hours.
<i>pH</i>	Shake about 5 g with 40 ml of carbon-dioxide-free water for 20 minutes and centrifuge. The pH of the supernatant liquid is between 5.0 and 7.5.
<i>Sulphated ash</i>	Not more than 0.3 % determined at 800 ± 25 °C.
<i>Water-soluble substances</i>	Not more than 1 %.'

(e) Under E 474:

— The last sentence of the text of the entry relating to chemical description shall be replaced by the following:

‘No organic solvents shall be used in their preparation other than cyclohexane, dimethylformamide, ethyl acetate, isobutanol and isopropanol.’

— The following new entry shall be added:

‘Total cyclohexane and isobutanol content:	Not more than 10 mg/kg singly or in combination.’
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(f) Under E 477, the entry relating to dimer and trimer of propane-1,2-diol shall be replaced by the following:

‘Not more than 0.5 %.’

Article 2

Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive not later than 1 January 1984. They shall forthwith inform the Commission thereof.

Article 3

This Directive is addressed to the Member States.

Done at Brussels, 12 July 1982.

For the Council

The President

J. NØRGAARD
