EU Fertiliser Regulations

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1. IMA-Europe & the EC Fertilisers WG

2. The Regulation (EC) 2003/2003 relating to fertilisers

3. The new Regulation (EU) XXX/201X concerning the making available on the market of fertilising products
The European representation of the Industrial Minerals Industry since 1994
**IMA-Europe in a nutshell**

Industrial Minerals Association (IMA-Europe) is an umbrella organisation which brings together ten associations specific to individual industrial minerals

<table>
<thead>
<tr>
<th>Association</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCA-Europe</td>
<td>European <strong>Calcium Carbonate</strong> Association <em>(GCC/PCC &amp; dolomite)</em></td>
</tr>
<tr>
<td>EBA</td>
<td>European <strong>Borates</strong> Association</td>
</tr>
<tr>
<td>ESMA</td>
<td>European Specialty Minerals Association <em>(andalusite, mica, vermiculite &amp; sepiolite)</em></td>
</tr>
<tr>
<td>EUBA</td>
<td>European <strong>Bentonite</strong> Association</td>
</tr>
<tr>
<td>EULA</td>
<td>European <strong>Lime</strong> Association</td>
</tr>
<tr>
<td>EUROFEL</td>
<td>European Association of <strong>Feldspar</strong> Producers</td>
</tr>
<tr>
<td>EUROSIL</td>
<td>European Association of <strong>Industrial Silica</strong> Producers <em>(Quartz &amp; cristobalite)</em></td>
</tr>
<tr>
<td>EUROTALC</td>
<td>Scientific Association of the European <strong>Talc</strong> Industry</td>
</tr>
<tr>
<td>IDPA</td>
<td>International <strong>Diatomite</strong> Producers Association</td>
</tr>
<tr>
<td>KPC-Europe</td>
<td>European <strong>Kaolin and Plastic Clays</strong> Association</td>
</tr>
</tbody>
</table>
In most of its member Associations

IMA-Europe represents 95-99% of the European producers

28 European Countries
i.e. 24 EU Member States,
Norway, Switzerland, Turkey and Ukraine

500 companies
(685 mines & quarries, 750 plants)
42,500 employees
180 million tpa,
EUR 10 billion turnover
European Commission
DG Internal Market, Industry, Entrepreneurship and SMEs (DG GROWTH)
Directorate I - Resources Based, Manufacturing and Consumer Goods Industries
Unit I/2 Chemicals Industry
Head of Unit: Mr Reinhard BUESCHER

National Competent Authorities
28 EU Member States
Norway, Iceland, Liechtenstein

Observers
17 European organisations
Accepted observers

European Compost Network,

**CEN TC 260** (Fertilisers and liming materials),

**EFBA** (European Fertilizer Blenders Association),

**EPAGMA** (Producers of growing media),

**EBIC** (European Biostimulants Industry Council),

**ECOFI** (European Council for Organic Fertiliser Industry),

**FEAD** (European waste management federation),

**EUROFEMA** (Organic and organo-mineral fertilisers),

**CEN TC 223** (Growing media and soil improvers),

**EFPRA** (European Fat Processors and Renderers Association)

**Fertilisers Europe,**

**EFIA** (European Fertiliser Import Association),

**EBA** (European Biogas Association),

**ESPP** (European Sustainable Phosphorus Platform),

**COCERAL,** (European traders of agrosupply, cereals, rice, etc.),

**IMA-Europe** (Industrial Minerals Association Europe),

**Copa-cogeca**
Regulation (EC) 2003/2003 on fertilisers


- Annex I: types of liming materials, requirements, and declaration
- Annex II: tolerances for MgO, CaO, NV and fineness
- Annex IV: methods of sampling and analysis (10 EN standards)

Entry into force: 7 June 2014


Commission Regulation (EU) No XXX/201X of xx/xx/201X – 9th ATP
To include calcium silicate (synthetic) under liming materials
Regulation (EU) 463/2013 – 7th ATP

... introduces liming materials into the scope

**ANNEX I: List of types of EC fertilisers**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Requirements</th>
<th>Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min. NV value</td>
<td>NV</td>
</tr>
<tr>
<td></td>
<td>Fineness</td>
<td>total Ca</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>total Mg</td>
</tr>
<tr>
<td><strong>G1 Natural limes</strong></td>
<td>35-52</td>
<td>mandatory</td>
</tr>
<tr>
<td></td>
<td>X</td>
<td>mandatory</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>optional</td>
</tr>
<tr>
<td><strong>G2 Oxide and hydroxide limes of natural origin</strong></td>
<td>20-95</td>
<td>mandatory</td>
</tr>
<tr>
<td></td>
<td>X</td>
<td>mandatory</td>
</tr>
<tr>
<td></td>
<td>Min MgO content</td>
<td>optional, except</td>
</tr>
<tr>
<td></td>
<td></td>
<td>for Mg-lime</td>
</tr>
<tr>
<td><strong>G3 Limes from industrial processes</strong></td>
<td>15-20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>G4 Mixed lime</strong></td>
<td>-</td>
<td>15 &lt; Ca content</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>&lt; 90</td>
</tr>
<tr>
<td><strong>G5 Mixtures of liming materials with other EC fertiliser types</strong></td>
<td>15</td>
<td>min 3% 'NPK'</td>
</tr>
</tbody>
</table>
Regulation (EU) XXX/201X concerning the making available on the market of fertilising products

Disclaimer
The information provided further reflects our best knowledge/intelligence on the subject but cannot be confirmed.
The new Regulation (EU) XXX/201X

OBJECTIVE
Harmonise the national legislations on fertilising products

TENTATIVE TIMELINE
Draft Commission’s proposal: Q2/2015
Final Commission’s proposal: end of 2015
Approval by EP and Council: end of 2016
Entry into force & transition period: ???
The new Regulation (EU) XXX/201X

Core text (EP/Council decision)
Definitions
Categories of fertilising products
General principles

Annexes (Commission decision)
Essential safety requirements
Essential agronomic efficacy requirements
Reference to harmonised EN standards
Details on labelling requirements, ‘CE’ marking, blending rules
Details on data requirement for registration (additives)
Details for waste/by-products

Compliance with the requirements through ‘CE’ marking

... would apply the ‘new approach’ concept
Scope

- Fertilisers (organic & inorganic)
- Liming materials
- Growing media
- Inorganic soil improvers
- Plant bio-stimulants*
- Agronomic fertiliser additives*

* Would require a registration similar to a biocide registration. Dossiers to be submitted to ECHA

Waste and by-products would have additional requirements
Definition

Liming Materials are mineral substances and mixtures whose main function is to correct soil acidity containing either oxides, hydroxides, carbonates or silicates of the nutrients calcium and/or magnesium.
**Liming products: Safety requirements**

determined on the dry products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Max. conc. (mg/kg dry matter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cd</td>
<td>3</td>
</tr>
<tr>
<td>Cr VI</td>
<td>2 Standard in development</td>
</tr>
<tr>
<td>Hg</td>
<td>2</td>
</tr>
<tr>
<td>Ni</td>
<td>90 (200 for MgO)</td>
</tr>
<tr>
<td>Pb</td>
<td>200 -&gt; 150 (request MS)</td>
</tr>
<tr>
<td>As</td>
<td>120 -&gt; 60 (request MS)</td>
</tr>
</tbody>
</table>

**Red:** Industry proposal  
**Blue:** Agreed EC/MS/IND value  
**Green:** MS proposal
Liming products: Efficacy requirements

Minimum NV : 15 (equivalent CaO)
              9 (equivalent OH)

determined on the commercialised products (i.e. with moisture)

Minimum NV : 25 (equivalent CaO)
              15 (equivalent OH)

determined on the dry products
Liming products: Efficacy requirements

**Minimum reactivity**: 10% either with EN 16357 (Citric reactivity) *or* EN 13971 (Hydrochloric reactivity) *or* 50% efficiency after 6 months with EN 14984 (Incubation method).
Liming products: Compliance scheme

‘CE marking’

Self-certification of liming products (proposal)

Compliance with essential requirements is made in-house by the company following the applicable EN standards

Third-party certification of liming by-products (?)

Compliance with essential requirements is certified by an external independent certification body
MIXTURES
Each component shall comply with the minimum requirements of the category of the component.

The safety requirements for non agronomic additives shall rely on REACH/ECHA assessment, without any additional requirements.

DECLARATION OF FINENESS
through three points of the fineness curve, according to the 97 %, 80 % and 50 % passing rather than 3 different sieve sizes.
Challenges ahead

Maximum limits for heavy metals

Waste/by-products status & requirements

Certification scheme

Reference to **harmonised** EN standards

Final rules for blending

… Devil is in the details
Thank You!