

ECLA EUROPEAN CLASSIFICATION

C05B PHOSPHATIC FERTILISERS

[N: **WARNING**

IPC group [C05B21/00](#) is not used in the internal ECLA classification scheme. Subject matter covered by this group is classified in one of the ECLA groups [C05B1/00](#) to [C05B19/00](#) (see internal note after the title of class [C05](#))

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- C05B1/00** Superphosphates, i.e. fertilisers produced by reacting rock or bone phosphates with sulfuric or phosphoric acid in such amounts and concentrations as to yield solid products directly
- C05B1/02 . Superphosphates
- C05B1/04 . Double-superphosphate; Triple-superphosphate; Other fertilisers based essentially on monocalcium phosphate
- C05B1/06 . Ammoniation of superphosphates (fertilisers based essentially on ammonium orthophosphate [C05B7/00](#))
- C05B1/10 . Apparatus for the manufacture of superphosphates
- C05B3/00** Fertilisers based essentially on di-calcium phosphate ([C05B11/00](#) takes precedence)
- C05B5/00** Thomas phosphate; Other slag phosphates
- C05B7/00** Fertilisers based essentially on alkali or ammonium orthophosphates ([C05B11/00](#) takes precedence)
- C05B9/00** Fertilisers based essentially on phosphates or double phosphates of magnesium ([C05B11/00](#) takes precedence)
- C05B11/00** Fertilisers produced by wet-treating or leaching raw materials either with acids in such amounts and concentrations as to yield solutions followed by neutralisation, or with alkaline lyes
- C05B11/02 . Pretreatment
- C05B11/04 . using mineral acid
- C05B11/06 . . using nitric acid (nitrophosphates)
- C05B11/08 . . using sulfuric acid
- C05B11/10 . . using orthophosphoric acid
- C05B11/12 . . using aqueous hydrochloric acid
- C05B11/14 . . using wet gaseous acids

C05B11/16 . using alkaline lyes

C05B13/00 Fertilisers produced by pyrogenic processes from phosphatic materials

C05B13/02 . from rock phosphates ([C05B13/06](#) takes precedence)

C05B13/04 . from metallic phosphorus compounds, e.g. ferro-phosphorus

C05B13/06 . Alkali and alkaline earth meta- or polyphosphate fertilisers

C05B15/00 Organic phosphatic fertilisers (bone meal [C05B17/00](#))

C05B17/00 Other phosphatic fertilisers, e.g. soft rock phosphates, bone meal

C05B17/02 . containing manganese

C05B19/00 Granulation or pelletisation of phosphatic fertilisers, other than slag (granulating apparatus [B01J2/00](#); granulating slag [C04B](#))

C05B19/02 . of superphosphates or mixtures containing them