

FARM Consortium Sameness Proposal

SINGLE SUPERPHOSPHATE

FARM REACH Registration substance sameness proposal **		
		Date: 01/10/09
Type of substance	Composition	Multi-constituent
	Origin	Inorganic.
Reference EC number (s)		232-379-5
Other EC numbers considered to be the same substance		
EC name		Single super phosphate
Other name		Super phosphate; reaction mass of calcium sulphate and calcium bis(dihydrogenorthophosphate)
CAS number (s)		8011-76-5
SMILES		Not specified
Structural formula (or formulae)		Not specified
Structure image or diagram (indicative)		
Molecular weight (or range)		-
ESIS Definition		Substance obtained by treating phosphate rock with sulfuric acid or a mixture of sulfuric and phosphoric acids. Composed primarily of calcium phosphates and calcium sulfate.

** Note: this proposal is based on §5 of the Guidance Document "identification and naming under REACH".

Composition				
Composition (%)	Main constituents	Calcium sulfate: CaSO ₄	31 – 65 % Typical concentration > 31%	expressed as % dry weight, that is excluding water
		calcium bis(dihydrogenorthophosphate): Ca(H ₂ PO ₄) ₂	23 – 45% Typical concentration > 23%	
	Impurities	calcium hydrogenorthophosphate: CaHPO ₄	0.1 – 15% Typical concentration < 10%	
		Phosphate rock	0.1 – 15% Typical concentration < 10%	
		Orthophosphoric acid	0.1 – 5 % Typical concentration < 5%	
Note *	<p>The concentration ranges given are in line with Regulation 2003/2003/EC.</p> <p>The Registration Dossier prepared will address the above described substance. Each registrant will have to specify separately the composition in their own product, in the company-specific (confidential) part of the joint registration dossier.</p> <p>The Registration Dossier, and in particular the Classification and Labelling proposals and hazard assessment will assume that substance as placed on the market conforms to:</p> <ul style="list-style-type: none"> No additional constituent is known to influence the classification and/or PBT assessment of the substance. <p>If a Registrant's substance is not to conform to the above then they will have to, in the company specific (confidential) part of the registration dossier, justify that the differences do not modify the IUCLID5 and CSR conclusions and do not require a different Classification and Labelling or different exposure scenarios.</p>			

* Note: The Guidance Document "identification and naming under REACH" states: << No differentiation is made between technical, pure or analytical grades of the substances. The "same" substance may have all grades of any production process with different amounts of different impurities. However, well-defined substances should normally contain the main constituent(s) and the only impurities allowed are those derived from the production process (for details see Chapter 4.2) and additives which are necessary to stabilize the substance. >>

Proposed tonnage band	
The FARM Consortium is currently planning to prepare registration for this substance conform to the REACH deadline for the following tonnage band	> 1,000 tonnes/year