

FARM Consortium - Substance Sameness Proposal

TRIPLE SUPERPHOSPHATE (TSP) (EC: 266-030-3, CAS: 65996-95-4)

FARM REACH Registration substance sameness proposal**		
		Date: 14/03/2018
Type of substance	Composition	Multi-constituent
	Origin	Inorganic
Reference EC number(s)		266-030-3
Other EC numbers considered to be the same substance		n.a.
EC name		Triple Superphosphate
Other names		Superphosphate, concd.; reaction mass of calcium bis(dihydrogenorthophosphate) and calcium sulphate and calcium hydrogenorthophosphate
CAS number (s)		65996-95-4
SMILES		Not applicable (i.e., multi constituent substance)
Structural formula (or formulae)		Not applicable (i.e., multi constituent substance)
Structure image or diagram (indicative)		Not applicable (i.e., multi constituent substance)
Molecular weight (or range)		Not applicable (i.e., multi constituent substance)
ESIS Definition		Substance obtained by acidulating phosphate rock with phosphoric acid. Normally characterized as containing 40% or more available phosphoric oxide (P ₂ O ₅). Composed primarily of calcium phosphate.

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

Composition		
Purity:	> 70 %	
Typical concentration of constituents:	Calcium bis(dihydrogenorthophosphate): Ca(H ₂ PO ₄) ₂	53%-80%
	Calcium sulfate: CaSO ₄	1 – 20%
	Calcium hydrogenorthophosphate: CaHPO ₄	0.1 – 15%
Impurities in the substance:*	Phosphate rock:	0.1 – 10%
	Each other impurity	0.1 – 5 %
	Total Impurities	<30%
<p>The substance may contain the following impurities, derived from the production process each one present at the concentrations indicated as above: Inorganic substances deriving from impurities in the raw materials, which do not affect the toxicological and ecotoxicological properties of the registered substance.</p> <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 companyspecific (confidential) part of the joint registration dossier. 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 has registered this substance in accordance to the REACH deadline for the following tonnage band:	> 1,000 tonnes/year