

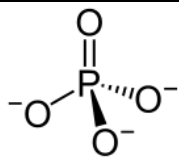


Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.2	
26/02/20	
20	

No	1.1. Chemical Name	1.2. EC Number	1.3. CAS Number	1.4. Composition Type
IP36	Tricopper bis(orthophosphate)	232-254-5	7798-23-4	mono-constituent substance

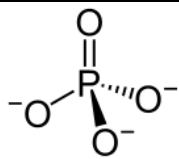
This Substance Identification Profile (SIP) is developed to represent the Identification parameters of the substance described in line with the Substance Identification requirements of REACH Annex VI and relevant guidance for the purpose of identifying the registered substance and the provision of a 'boundary composition' for IUCLID 6 dossier updates.

Reference	SI Parameter	Value / Not necessary / Not for SIP	Remark / Justification
2.1.A			
Name or other Identifiers of the substance			
	CAS (hydrates)	7798-23-4	
	Synonyms	Tricopper diphosphate Copper(II) phosphate Cupric phosphate	
	SMILES	[Cu+2].[Cu+2].[Cu+2].[O-]P([O-])(=O)[O-].[O-]P([O-])([O-])=O	
	Molecular formula	Cu ₃ (PO ₄) ₂ or Cu ₂ /3H ₃ O ₄ P	
	Structural image / diagram (indicative)	 	
	EU food legislation number / INS n°	N/A	
	State / form	Solid: Particulate / Powder	
	Granulometry range	D50 = 31.85 µm	
	pH range for aqueous solutions	The pH of the solution observed in the water solubility study was pH 4	
2.1.B			
Substances (with core identifiers) also falling under this substance (with justification)			



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	Name or other Identifiers of the substance	Not applicable	
	EC Number		
	CAS number		
	Additional information		
2.3	Chemical Composition of the substance		
2.3.1	Main Constituent		
	Name	Tricopper bis(orthophosphate)	
	Typical concentration (%w/w)	> 85%	
	Concentration range (%w/w)	> 80-100%	
2.3.2	Typical Impurity / Impurities (above 1% or lower if contributing to the hazard or PBT profile) - create repeat blocks if necessary		
2.3.2.1	Name - Impurity (1)	Diphosphoric acid, copper salt	
	CAS Number - Impurity (1)	10102-90-6	
	EC Number - Impurity (1)	233-279-4	
	Molecular Formula - Impurity (1)	Cu ₂ P ₂ O ₇	
	Typical concentration (%w/w) - Impurity (1)	<5%	
	Concentration range (%w/w) - Impurity (1)	0-10%	
	Relevant for classification and labelling?	N	
2.3.2.2	Name - Impurity (2)	dehydrate Water	
	CAS Number - Impurity (2)	7732-18-5	
	EC Number - Impurity (2)	231-791-2	



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	Molecular Formula - Impurity (2)		
	Typical concentration (%w/w) - Impurity (2)	<5%	
	Concentration range (%w/w) - Impurity (2)	> 0 – 10 %	
	Relevant for classification and labelling?	N	
2.3.3	Additives - create block similar to impurities if relevant		
	Not relevant		
2.4	Classification and labelling		
	Yes - See ECHA Chem website		
2.5	Justification for deviation from substance identity rules		
	not applicable		