



Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.4	
16/05/19	

No	1.1. Chemical Name	1.2. EC Number	1.3. CAS Number	1.4. Composition Type
IP38	Dicopper hydroxide phosphate	235-285-2	12158-74-6	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)	n/a	
	Synonyms	n/a	
	SMILES	[Cu+2].[Cu+2].[OH-].[O-]P([O-])([O-])=O	
	Molecular formula	Cu ₂ HO ₅ P or Cu ₂ HO ₅ P	
	Structural image / diagram (indicative)		
	EU food legislation number / INS n°	n/a	
	State / form	Solid: Particulate / Powder	
	Granulometry range	Mean Mass Median Aerodynamic Diameter = 3.70 μm	
	pH range for aqueous solutions	pH 4.5 - 5.7	
2.1.B	Substances (with core identifiers) also falling under this substance (with justification)		
	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	Dicopper hydroxide phosphate	
	Typical concentration (%w/w)	98%	
	Concentration range (%w/w)	95- 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)	Water	
	CAS Number - Impurity (1)	7732-18-5	
	EC Number - Impurity (1)	231-791-2	
	Molecular Formula - Impurity (1)	H2O	
	Typical concentration (%w/w) - Impurity (1)	Ca.2%	
	Concentration range (%w/w) - Impurity (1)	0-5%	
	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		