

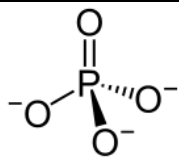


Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.1	
30/5/17	

No	1.1. Chemical Name	1.2. EC Number	1.3. CAS Number	1.4. Composition Type
IP71	Barium bis(dihydrogenorthophosphate)	236-715-1	13466-20-1	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)	13466-20-1	
	Synonyms	Monobariumphosphate	
	SMILES	[Ba+2].O=P(O)(O)[O-].[O-]P(=O)(O)O	
	Molecular formula	Ba(H ₂ PO ₄) ₂	
	Structural image / diagram (indicative)		
	EU food legislation number / INS n°	n/a	
	State / form	Solid: Particulate / Powder	
	Granulometry range	D10 = 34 µm D50 = 114 µm D90 = 307 µm	
	pH range for aqueous solutions	The pH of the solution observed in the water solubility study was pH 2.9 -3.0	
2.1.B	Substances (with core identifiers) also falling under this substance (with justification)		
	Name or other Identifiers of the substance	Not applicable	



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	EC Number		
	CAS number		
	Additional information		
2.3	Chemical Composition of the substance		
2.3.1	Main Constituent		
	Name	Barium bis(dihydrogenorthophosphate)	
	Typical concentration (%w/w)	95%	
	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)	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)		
	Concentration range (%w/w) - Impurity (1)	>0 <10%	
	Relevant for classification and labelling?	N	
2.3.2.2	Name -Impurity (2)	Inorganic impurities	
	CAS Number -Impurity (2)		
	EC Number -Impurity (2)		
	Molecular Formula -Impurity (2)		
	Typical concentration (%w/w) - Impurity (2)	>0 <5%	
	Concentration range (%w/w) - Impurity (2)		
	Relevant for classification and labelling?		
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		