

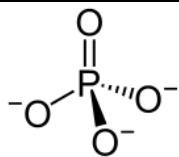


Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.3	
03/11/16	

No	1.1. Chemical Name	1.2. EC Number	1.3. CAS Number	1.4. Composition Type
IP39	Aluminium tris dihydrogenphosphate	236-875-2	13530-50-2	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	OP(=O)([O-])[O-].[Al+3]	
	Molecular formula	Al.3H3O4P	
	Structural image / diagram (indicative)		
	EU food legislation number / INS n°	n/a	
	State / form	Solid: Particulate / Powder or solution	
	Granulometry range	Up to 85% of particles have a diameter of <100µm	<p>Considered to pose an inhalation risk</p> <p>Depending on method of particle size determination it cannot be excluded that the substance falls under the proposed horizontal EU nano definition from 2011, but since validated methodology is missing and a revision of the definition is expected, there is no way to confirm the status</p>



Inorganic Phosphates REACH Consortium

	pH range for aqueous solutions	pH of 50 % solution 1.0- 2.5	
2.1.B	Substances (with core identifiers) also falling under this substance (with justification)		
	Name or other Identifiers of the substance	Not applicable	
2.3	Chemical Composition of the substance		
2.3.1	Main Constituent		
	Name	Aluminium tris dihydrogenphosphate	
	Typical concentration (%w/w)	80%	
	Concentration range (%w/w)	>75 - 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)	Aluminium orthophosphate	
	CAS Number -Impurity (1)	7784-30-7	
	EC Number -Impurity (1)	232-056-9	
	Molecular Formula - Impurity (1)	Al.H3O4P	
	Typical concentration (%w/w) -Impurity (1)	<20%	
	Concentration range (%w/w) -Impurity (1)	>0<20%	
	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		