

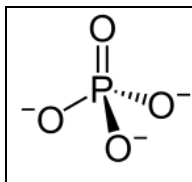


Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.3	
02/11/16	

No	1.1. Chemical Name	1.2. EC Number	1.3. CAS Number	1.4. Composition Type
IP8	Trisodium trimetaphosphate	232-008-3	7785-84-4	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)	n/a	
	SMILES	[O-]P1(=O)OP(=O)(OP(=O)(O1)[O-])[O-].[Na+].[Na+].[Na+]	
	Molecular formula	H ₃ O ₉ P ₃ .3Na or O ₉ P ₃ .3Na	
	Structural image / diagram (indicative)		
	EU food legislation number / INS n°	n/a	
	State / form	Solid: Particulate / Powder	
	Granulometry range	Less than 7% of particles are <100µm in diameter.	<p>Not 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>
	pH range for aqueous solutions	pH of 1% Solution: pH 6.0-9.0 at 20°C	



Inorganic Phosphates REACH Consortium

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	Trisodium trimetaphosphate	
	Typical concentration (%w/w)	97%	
	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)	Sodium tripolyphosphate	
	CAS Number -Impurity (1)	7758-29-4	
	EC Number -Impurity (1)	231-838-7	
	Molecular Formula - Impurity (1)	H5O10P3.5Na	
	Typical concentration (%w/w) -Impurity (1)	2.50%	
	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		
	Not classified		
2.5	Justification for deviation from substance identity rules		
	not applicable		