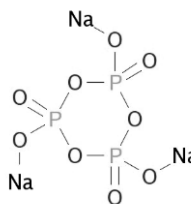




Version	SUBSTANCE IDENTIFICATION PROFILE (SIP)
v.4	
26/02/21	

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	H3O9P3.3Na or O9P3.3Na	
	Structural image / diagram (indicative)		
	EU food legislation number / INS n°	n/a	
	State / form	Solid: Particulate / Powder	
	Granulometry range		The substance is considered to be inhalable. Nano forms (in accordance with COMMISSION REGULATION (EU) 2018/1881 of 3 December 2018 on the definition of nanomaterial) have not been identified.
	pH range for aqueous solutions	pH of 1% Solution: pH 6.0-9.0 at 20°C	
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)		
2.3.2.1	Name -Impurity (1)	Sodium triphosphate	
	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		
Not relevant			
2.4	Classification and labelling		
Not classified			
2.5	Justification for deviation from substance identity rules		
Not applicable			