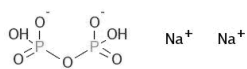




| | |
|----------|---|
| Version | SUBSTANCE IDENTIFICATION PROFILE (SIP) |
| v.4 | |
| 26/02/21 | |

| No | 1.1. Chemical Name | 1.2. EC Number | 1.3. CAS Number | 1.4. Composition Type |
|-----|----------------------------------|----------------|-----------------|----------------------------|
| IP5 | Disodium dihydrogenpyrophosphate | 231-835-0 | 7758-16-9 | 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) | | |
| | SMILES | OP(=O)([O-])OP(=O)(O)[O-].[Na+].[Na+] | |
| | Molecular formula | H4O7P2.2Na or Na2H2P2O7 | |
| | Structural image / diagram (indicative) |  | |
| | EU food legislation number / INS n° | E450i | |
| | 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 | The pH of the solution, observed in the water solubility study, was pH 3.8-3.9 | |
| 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 | Disodium dihydrogenpyrophosphate | |
| | Typical concentration (%w/w) | >90% | |
| | Concentration range (%w/w) | 90-100% | |
| 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) | | |



| | | | |
|--------------|--|--|--|
| | CAS Number -Impurity (1) | | |
| | EC Number -Impurity (1) | | |
| | Molecular Formula -Impurity (1) | | |
| | Typical concentration (%w/w) -Impurity (1) | | |
| | Concentration range (%w/w) -Impurity (1) | | |
| | Relevant for classification and labelling? | | |
| 2.3.3 | Additives | | |
| | Not relevant | | |
| 2.4 | Classification and labelling | | |
| | Yes - see ECHA Chem website | | |
| 2.5 | Justification for deviation from substance identity rules | | |
| | Not applicable | | |