SUBSTANCE IDENTITY PROFILE:
POTASSIUM HEXAHYDROXOANTIMONATE (PHHA)

October 2017

Data to be reported in sections 1.1 and 1.2 from IUCLID, based on the Guidance for identification and naming of substances under REACH and CLP – Appendix III (*https://echa.europa.eu/documents/10162/13643/substance_id_en.pdf/ee696bad-49f6-4fec-b8b7-2c3706113c7d*) *and the REACH text Annex VI (http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02006R1907-20161011&from=EN)*

GENERAL INFORMATION

Name potassium hexahydroxoantimonate/EC 235-387-7/CAS 12208-13-8

Type of composition boundary composition of the substance

State/Form solid: particulate/powder

Type of substance Mono-constituent substance

Origin Inorganic

Highest tonnage band of the Joint Submission 10 - 100

Type of registration Full substance

Compositions covered by the Joint submission:

- **Representative sample**

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A. CONSTITUENTS – REPRESENTATIVE SAMPLE

Reference substance potassium hexahydroxoantimonate/EC 235-387-7/CAS 12208-13-8

Typical concentration ca 96 % (w/w)

Concentration range > 94 - < 97 % (w/w)

IMPURITIES

Impurity 1

Reference substance potassium acetate/CAS 127-08-2/EC 204-822-2

Typical concentration ca 4 % (w/w)

Concentration range >= 3 - < 6 % (w/w)

☐ This impurity is considered as relevant for the classification and the labelling of the substance

B. RECOMMENDED ANALYTICAL TECHNIQUES FOR SAMENESS CHECK

- ICP to determine quantity of Sb (purity)
- XRD to determine nature of Sb content (identity)
- ICP and Ionic chromatography for potassium acetate content (impurity)

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