SUBSTANCE IDENTITY PROFILE: SODIUM HEXAHYDROXOANTIMONATE (SHHA) - April 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 sodium hexahydroxoantimonate/EC 251-735-0/CAS 33908-66-6

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 >1000

Type of registration Full substance

Compositions covered by the Joint submission:

- **Representative sample**
- **Little PbO**
- **Medium PbO**
- **High PbO**

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A. CONSTITUENTS – REPRESENTATIVE SAMPLE

Reference substance sodium hexahydroxoantimonate/EC 251-735-0/CAS 33908-66-6

Typical concentration ca 98.9 % (w/w)

Concentration range > 97.05 - < 99.75 % (w/w)

IMPURITIES

Impurity 1

Reference substance lead monoxide /EC 215-267-0/CAS 1317-36-8

Typical concentration < 0.25 % (w/w)

Concentration range >= 0 - < 0.25 % (w/w)

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

Impurity 2 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration <= 2.7 % (w/w)

Concentration range >= 0 - <= 2.7 % (w/w)

B. CONSTITUENTS- COMPOSITION LITTLE PbO

Reference substance sodium hexahydroxoantimonate/EC 251-735-0/CAS 33908-66-6

Typical concentration > 97 % (w/w)

Concentration range > 97 - < 99.75 % (w/w)

IMPURITIES

Impurity 1

Reference substance lead monoxide /EC 215-267-0/CAS 1317-36-8

Typical concentration < 0.3 % (w/w)

Concentration range >= 0.25 - < 0.3 % (w/w)

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

Impurity 2 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration <= 2.7 % (w/w)

Concentration range >= 0 - <= 2.7 % (w/w)

C. CONSTITUENTS- COMPOSITION MEDIUM PbO

Reference substance sodium hexahydroxoantimonate/EC 251-735-0/CAS 33908-66-6

Typical concentration > 96.8 % (w/w)

Concentration range > 96.8 - < 99.7 % (w/w)

IMPURITIES

Impurity 1

Reference substance lead monoxide /EC 215-267-0/CAS 1317-36-8

Typical concentration < 0.5 % (w/w)

Concentration range >= 0.3 - < 0.5 % (w/w)

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

Impurity 2 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration <= 2.7 % (w/w)

Concentration range >= 0 - <= 2.7 % (w/w)

D. CONSTITUENTS- COMPOSITION HIGH PbO

Reference substance sodium hexahydroxoantimonate/EC 251-735-0/CAS 33908-66-6

Typical concentration > 94.8 % (w/w)

Concentration range > 94.8 - < 99.5 % (w/w)

IMPURITIES

Impurity 1

Reference substance lead monoxide /EC 215-267-0/CAS 1317-36-8

Typical concentration < 2.5 % (w/w)

Concentration range >= 0.5 - < 2.5 % (w/w)

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

Impurity 2 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration <= 2.7 % (w/w)

Concentration range >= 0 - <= 2.7 % (w/w)