**SUBSTANCE IDENTITY PROFILE: ANTIMONY METAL**

*massive & powder (Sb) - 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** Antimony metal/EC 231-146-5/CAS 7440-36-0

**Type of composition** boundary composition of the substance

**State/Form** Other: massive, ingot or 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**
- **High As**
A. CONSTITUENTS – REPRESENTATIVE SAMPLE

Reference substance Antimony metal/EC 231-146-5/CAS 7440-36-0

Typical concentration \( \geq 89.45 \) % (w/w)

Concentration range \( \geq 89.45 - \leq 100 \) % (w/w)

IMPURITIES

Impurity 1


Typical concentration \(< 0.25 \) % (w/w)

Concentration range \( \geq 0 - < 0.25 \) % (w/w)

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

Impurity 2

Reference substance Lead /EC 231-100-4/CAS 7439-92-1

Typical concentration \( \leq 9 \) % (w/w)

Concentration range \( \geq 0 - \leq 9 \) % (w/w)

This impurity is NOT considered as relevant for the classification and the labelling of the substance

Impurity 3: 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 \( \leq 1.3 \) % (w/w)

Concentration range \( \geq 0 - \leq 1.3 \) % (w/w)
A. CONSTITUENTS – COMPOSITION HIGH As

Reference substance Antimony metal/EC 231-146-5/CAS 7440-36-0

Typical concentration >= 87.2 % (w/w)

Concentration range >= 89.45 - <= 99.75 % (w/w)

IMPURITIES

Impurity 1


Typical concentration < 2.5 % (w/w)

Concentration range >= 0.25 - < 2.5 % (w/w)

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

Impurity 2

Reference substance Lead /EC 231-100-4/CAS 7439-92-1

Typical concentration <= 9 % (w/w)

Concentration range >= 0 - <= 9 % (w/w)

This impurity is NOT considered as relevant for the classification and the labelling of the substance

Impurity 3: 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 <= 1.3 % (w/w)

Concentration range >= 0 - <= 1.3 % (w/w)