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*SUBSTANCE IDENTITY PROFILE: ANTIMONY PENTOXIDE*  
*(APO) - April 2017*

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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](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 pentoxide/ CAS 1314-60-9/ EC 215-237-7**

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 **100 - 1000**

Type of registration **Full substance**

Compositions covered by the Joint submission:

- **Representative sample**

**SIP APO**

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## **A. CONSTITUENTS – REPRESENTATIVE SAMPLE**

Reference substance **Antimony pentoxide/ CAS 1314-60-9/ EC 215-237-7**

Typical concentration **> 87 % (w/w)**

Concentration range **> 87 - <= 99.9 % (w/w)**

### **IMPURITIES**

#### ***Impurity 1***

Reference substance **Diarsenic trioxide/EC 215-481-4/CAS 1327-53-3**

Typical concentration **< 0.1 % (w/w)**

Concentration range **>= 0 - < 0.1 % (w/w)**

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

#### ***Impurity 2***

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 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 **<= 12.75 % (w/w)**

Concentration range **>= 0 - <= 12.75 % (w/w)**