

---

*SUBSTANCE IDENTITY PROFILE: ANTIMONY  
PENTACHLORIDE (APC) - 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](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 Pentachloride/EC231-601-8/CAS7647-18-9**

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

State/Form **liquid**

Type of substance **Mono-constituent substance**

Origin **Inorganic**

Highest tonnage band of the Joint Submission **10 - 100**

Type of registration **Full substance**

Composition covered by the Joint submission:

- **Representative sample**

**SIP APC**

**International Antimony Association (VZW)**

Avenue de Broqueville 12, 1150 Brussels, Belgium / Phone : +32 (02) 762 30 932 / Fax : +32 (2) 762 82 29

[www.antimony.com](http://www.antimony.com)

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

Reference substance [Antimony Pentachloride/EC231-601-8/CAS7647-18-9](#)

Typical concentration > 98 % (w/w)

Concentration range > 98 - < 100 % (w/w)

### **IMPURITIES**

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

Reference substance [Antimony trichloride/CAS 10025-91-9/EC 233-47-2](#)

Typical concentration < 1 % (w/w)

Concentration range > 0 - < 1 % (w/w)

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

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

Reference substance [Arsenic/CAS7440-38-2/EC 231-148-6](#)

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 3***

Reference substance [Lead/CAS 7439-92-1/EC 231-100-4](#)

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 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  $\leq 0.8$  % (w/w)

Concentration range  $\geq 0$  -  $\leq 0.8$  % (w/w)

---