

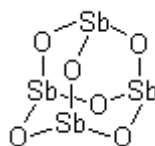
## TECHNICAL DATA SHEET

**NAME OF COMMODITY:** Antimony Trioxide

**CAS NO.:** 1309-64-4

**MOLECULAR FORMULA:** Sb<sub>2</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 291.52



**STRUCTURE FORMULA:**

| TESTS                              | SPECIFICATIONS        |
|------------------------------------|-----------------------|
| <b>Sb<sub>2</sub>O<sub>3</sub></b> | 99.50% Min            |
| <b>As<sub>2</sub>O<sub>3</sub></b> | 0.06% Max             |
| <b>PbO</b>                         | 0.1% Max              |
| <b>Fe<sub>2</sub>O<sub>3</sub></b> | 0.006% Max            |
| <b>CuO</b>                         | 0.002% Max            |
| <b>Se</b>                          | 0.005 % Max           |
| <b>Whiteness</b>                   | 96                    |
| <b>Particle Size (mm)</b>          | 0.8 - 1.8             |
| <b>Residual (325 Mesh)</b>         | 0.1% Max              |
| <b>Oil Absorption</b>              | 8-12 (g Oil/100 g AO) |

**APPLICATION:**

Antimony trioxide increases the performance, and hence minimizes the quantity required, of halogenated flame retardants. In this way, the use of antimony trioxide results in considerable cost savings, and often it even improves the physical characteristics of a compound. Using antimony trioxide as a synergist in flame retardants has made the use of plastics in consumer products safer.

**PACKING:** 25 kg net bag 20mt / 20' fcl, palletized