

Typical Product Specifications & Properties

ANTIMONY(V)CHLORIDE

CAS Number: : 7647-18-9

Specifications	Limits
Molecular weight	299.03
EINECS	231-601-8
InChI	1S/5ClH.Sb/h5*1H;/q;,,,,,+5/p-5
InChIKey	VMPVEPPRYRXYNP-UHFFFAOYSA-I
Melting Point	2.8 °C
Merck	14,695
Sensitive	Moisture Sensitive
Refractive Index	1.601
Vapor Density	>10.2
Density	2.36 g/mL at 25 °C
Stability	Stable, but reacts with moisture and water. Releases highly toxic fumes if involved in a fire.
Water solubility	Soluble in water (react), chloroform, hydrochloric acid, and carbon tetrachloride.



Specifications	Limits
Flash Point	79°C/22mm
Boiling Point	92 °C30 mm Hg
Solubility	Soluble in HCl, chloroform, carbon tetrachlorideMiscible with chloroform, hydrochloric acid, tartaric acid, carbon disulfide and carbon tetrachloride.
Vapor Pressure	0.13 psi (55 °C)