

Typical Product Specifications & Properties

Ammonium Perchlorate

CAS Number: : 7790-98-9

Specifications	Limits
Molecular weight	117.49
EINECS	232-235-1
InChI	1S/ClH4NO4/c2-6-1(3,4)5/h2H4
InChIKey	BGZZNVNAKMESMV-UHFFFAOYSA-N
Melting Point	°Cd ec.)
Refractive Index	1.482
Density	1.95 g/mL at 25 °C
Water solubility	Freely soluble in water. Soluble in methanol. Slightly soluble in ethanol, acetone. Insoluble in ether, ethyl acetate
Merck	14,540
Stability	Explosive when mixed with combustible material. Incompatible with organics, paper, wood shavings, etc. May explode if heated under confinement or as a result of friction. Incompatible with metals, reducing agents, strong acids.