

**Pentaerythritol is a simple five-carbon tetraol used in the fabrication of resins, alkylated resins, varnishes, PVC stabilizers, tall oil esters, and olefin antioxidants.**

### **Description**

**Pentaerythritol mono grade (Penta mono or purepenta), White crystalline material Polyhydric alcohol containing four primary hydroxyl groups**

### **Applications**

**Alkyd resins**

**Radiation curing monomers**

**Polyurethanes**

**Rosin esters**

**Synthetic lubricants**

**As a raw-material for alkyd resins ; used in the manufacture of high quality oil based surface coatings. As a raw-material for rosin and tall oil esters, used in the manufacture of high quality oil based varnishes. As a raw-material to C5 - C11 mono carboxylic acid esters, components for synthetic aircraft gas turbine lubricants. Pentaerythritol is a raw-material for plasticizers, heat stabilizers, intumescent used in flame retardant paints, chlorinated polyether resins and multifunctional acrylate monomers.**

**Specification :**

**CAS Number: 115 - 77 - 5**

**EINECS Number: 204 - 104 - 9**

**Chemical Name: Tetra Methylol Methane**

**Chemical Classification: Polyhydric alcohol, polyol**

**Synonyms: PE ; Penta ; 2,2-bis hydroxymethyl-1,3-propanediol ; pentaerythrite ; tetrahydroxymethyl methane ; monopentaerythritol ; tetrakis (hydroxymethyl) methane ; pentaerythritol.**

**Formula C(CH<sub>2</sub>OH)<sub>4</sub>**

**Molecular weight 136.15**

**Pentaerythritol Content 99%**

**Hydroxyl content 49.1%**

**Mosisture 0.11%**

**Color (Phthalate) 1**

**Apperance White Crystalline Purely**

**Ash 0.03%**