



## TECHNICAL DATA SHEET

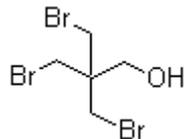
**NAME OF COMMODITY:** TRIBROMONEOPENTYL ALCOHOL

**CAS NO.:** 36483-57-5

**MOLECULAR FORMULA:** C<sub>5</sub>H<sub>9</sub>OBr<sub>3</sub>

**MOLECULAR WEIGHT:** 324.9

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	White crystalline powder
Purity %	98.5 Min.
Melting point °C	64 Min
Color Apha	70 Max
Acidity KOH mg/g	0.15 Max
Moisture %	0.1 Max

### **APPLICATION:**

It is a reactive flame retardant, combines a high bromine content with exceptional stability and is particularly suitable where thermal, hydrolytic and light stability are required. It is also as a reactive intermediate for high Molecular weight flame retardant, particularly in combination with phosphorus, and a reactive flame retardant for polyurethanes where its high solubility in the system makes it especially useful.

It reacts through its single hydroxyl function to form pendant urethane groups. High bromine content and good compatibility in CFC-free PU Systems enables high standards of fire retardancy to be reached together with good foam properties in both rigid and flexible PU. Effective combination of properties may be achieved by using the mixtures which is monofunctional and tribromoneopentyl alcohol which is difunctional.

**PACKING:** 25kg net bag

**SHELF LIFE:** 12 months