

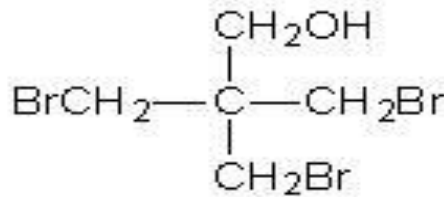
Chemical Name: Tribromoneopentyl Alcohol (TBNPA)

Synonyms: Pentaerythritol tribromide ; TBNPA; FR-513; FR-1360;
2,2-Bis-(bromomethyl)-3-bromo-1-propanol;

CAS No.: 1522-92-5 or 36483-57-5

Molecular Formula: C₅H₉Br₃O

Structure formula :



1 Specifications:

Appearance: white to off-white powder

Assay(G.C): 97% Min.

Melting point: 64°C Min

Acidity: 0.15KOH mg/g max.

Moisture: 0.05% Max.

Color(Pt-Co): 40 APHA Max.

2 Applications:

2.1 for high molecular weight flame retardants, particularly in combination with phosphorus;

2.2 for polyurethanes where its high solubility in the system makes it especially useful;

2.3 Used in in both rigid and flexible PU.

3 Narrate:

3.1 A reactive flame retardant containing approx. 73% aliphatic bromine. It combines a high bromine content with exceptional stability and is particularly suitable where thermal, hydrolytic and light stability are required.

3.2 It reacts through its single hydroxyl function to form pendant urethane groups. Its high bromine content and good compatibility in CFC-free PU systems enables high standards of fire reentrancy;

3.3 With DBNPG, its Hydroxyl function can work much better.

4 Packing: 25Kg PP Bags or Paper Bags.

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