



EcoFlameRetardant-B-522

### DIBROMONEOPENTYL ALCOHOL

**Chemical Name:** Dibromoneopentyl Alcohol

**Brand Name:** EcoFlameRetardant B-522

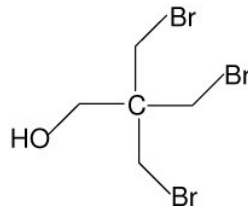
**Equivalent Grade:** FR-522

**CAS NO.:** 3296-90-0

**Chemical formula:** C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>Br<sub>2</sub>

**Molecular Weight:** 261.9

**Chemical Structure:**



#### Application:

EcoFlameRetardant B-522 is a reactive flame retardant. It's high purity is of benefit to the formulator. Thermosetting polyester resins can be formulated over a wide range of compositions to provide a broader selection of resin properties than those available with anhydride flame retardants. Resins formulated with EcoFlameRetardant B-522 have high flame retardancy, minimal thermal discoloration and excellent light stability.

The high bromine content of EcoFlameRetardant B-522 and its ready reaction into polyurethanes make it suitable for use in rigid polyurethane foams. It is increasingly used in CFC-free foam systems designed to meet more stringent standards of flame retardancy.

#### Technical Data Sheet

Items	Specification	Analysis result
Appearance	white crystalline powder	White powder
Purity %	98.5 min.	99.1
Bromine Content %	60 min	60.6
Melting Point °C	109.5 min	109.8
Color	20 APHA max	Qualified

#### Packing:

EcoFlameRetardant B-522 is packed in 25kg paper bag, 40 bags on pallet, or Jumbo bag. Total 20Mt per 20'FCL.