



EcoFlameRetardant-B-513

TRIBROMONEOPENTYL ALCOHOL

Chemical Name: Tribromoneopentyl Alcohol

Brand Name: EcoFlameRetardant B-513

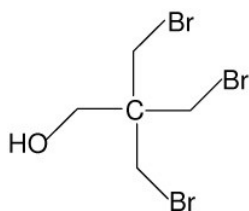
Equivalent Grade: FR-513

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

Chemical formula: C₅H₉OBr₃

Molecular Weight: 324.9

Chemical Structure:



Application:

EcoFlameRetardant B-513 was a reactive flame retardant, It combines a high bromine content with exceptional stability and is particularly suitable where thermal, hydrolytic and light stability are required.

EcoFlameRetardant B-513 as a reactive intermediate for high Molecular weight flame retardant, particularly in combination with phosphorus, and as 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.

EcoFlameRetardant 8-513, 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 use of mixtures of it which is mono-functional and EcoFlameRetardant B-513 which is di-functional.

Technical Data Sheet

Items	Specification	Analysis result
Appearance	White crystalline powder	White powder
Purity %	97 min.	97.8
Bromine Content%	73 min	73.6
Melting Point °C	64 min	64.8
Color	40 APHA max	Qualified
Acidity KOH mg/g max	0.15 max	0,13
Moisture %	0.1 max	0.08

Packing:

EcoFlameRetardant B-513 is packed in 25kg paper bag, 40 bags on pallet, or Jumbo bag.

Total 20Mt per 20'FCL.

UNIBROM USA LLC, a subsidiary of UNIBROM CORP, Weifang, China
14090 Southwest Freeway, Suite 300, Houston, TX 77478

Tel: 281-340-8525

Web: www.unibromUSA.com

Email: info@unibromUSA.com