

**BRIGHTSUN™ HB3DP Antimony Trioxide**

BRIGHTSUN™ HB3DP is a high quality, performance grade of antimony trioxide used as a flame-retardant synergist and also suitable for other applications. These products are wetted with Diisodecyl Phthalate (DIDP) to reduce dusting during handling and processing. The resultant product is an easily dispersible, low dust, free-flowing powder which provides better housekeeping and less dust in the workplace.

<u>CHARACTERISTICS</u>	<u>VALUE*</u>	
Sb ₂ O ₃ , %	99.6 min	
Lead – Pb, %	0.08 max	
Arsenic – As, %	0.08 max	
Iron – Fe, %	0.002 max	
Melting Point	656 °C, 1213 °F	Not Reported on the COA
Specific Gravity	5.3	Not Reported on the COA
Bulk density lbs/ft ³ (approx.)	60	Not Reported on the COA
Specific surface area, m ² /g	2.0-4.5	Not Reported on the COA
325 mesh residues, %	0.05 max	
Average Particle Size, microns	0.9 –1.4	
HB3DP; %DIDP	2.5-3.5	

* all values on a dry **BRIGHTSUN™** HB basis

APPLICATIONS

BRIGHTSUN™ HB3DP antimony trioxide is a highly effective flame retardant synergist used in conjunction with organohalogen flame retardants or halogen containing resins, such as PVC. This wetted product is intended for use in application for which DIDP is compatible. Please contact our Technical Consultant for specific recommendations this product or other wetting agents.

PACKAGING

25kg multi-layer paper bags, polyethylene bags, super sacks (500 and 1000 kgs). Packages are on skids with stretch wrap. Custom packaging is available upon request.

HEALTH AND SAFETY

Material Safety Data Sheets (MSDSs) available upon request.

The above statements and methods are based upon the best available data and practices known to China Antimony Chemicals Co., Ltd. at the present time, but are not representations, results or comprehensiveness of such data, nor do they imply any recommendations to infringe any offer of license under any patent. China Antimony Chemicals Co., Ltd. strongly recommends that, before using or handling the above-mentioned products, one should read and understand the precautionary and other information on the product label as well as the Material Safety Data Sheet. The above-mentioned products are intended for industrial uses only. They are potentially hazardous materials and must be kept out of reach of children.

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Reliable and ResponsibleSM

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