



An ISO 9001:2000 company

**OXXIDES, INC.**

3 Kearney Avenue  
Harriman, NY 10926

Tel: 845 238 5142 Fax 845 238 5143

e-mail: [oxxides@oxxides.com](mailto:oxxides@oxxides.com)

Url: [www.oxxides.com](http://www.oxxides.com)

## SPECIFICATION

# ANTIMONY TRIOXIDE

### **CHINESE "TWINKLING STAR" BRAND GUARANTEED TECHNICAL DATA:**

PURITY	Sb <sub>2</sub> O <sub>3</sub>	99.5%	MIN. (HIGH TINT)
ARSENIC	As	0.06%	MAX.
IRON	Fe	0.004%	MAX.
LEAD	Pb	0.10%	MAX.
TIN	Sn	0.008%	MAX.
COPPER	Cu	0.002%	MAX.
SULFUR	S	0.001%	MAX.
SILICON	Si	0.005%	MAX.
SELENIUM	Se	0.005%	MAX.
RESIDUE ON 325 MESH:		0.10%	MAX.
DENSITY (AERATED):		24-26	Lb./Cubic Ft.
DENSITY (PACKED):		36-38	Lb./Cubic Ft.
AVG. PARTICLE SIZE (MICRONS):		0.8 TO 1.8 (CUBIC CRYSTALS)	
OIL ABSORPTION:		8-12 (gm oil/100gm (Sb <sub>2</sub> O <sub>3</sub> ))	
COLOR:		WHITE (MORE THAN 92)	

\*ANTIMONY TRIOXIDE SUPPLIED BY OXXIDES, INC. COMES IN 25KG DOUBLE BAGS, WRAPPED AND PALLETIZED WITH 40 BAGS PER PALLET. OTHER PACKING ARE AVAILABLE UPON REQUEST.

#### **APPLICATIONS:**

THE MAJOR USE OF ANTIMONY TRIOXIDE IS AS A FLAME RETARDANT SYNERGIST IN PLASTICS, RUBBER, POLYURETHANES (A FLEXIBLE & RIGID FOAM), TEXTILES, ADHESIVES, FIBERGLASS, PAPER.

GLASS MANUFACTURERS USE IT AS A FINING AGENT OR AS A DEGASSER (TO REMOVE BUBBLES).

RAYON MANUFACTURERS AS WELL AS OIL REFINERIES USE AS ANTIMONY TRIOXIDE AS A CATALYST.

PORCELAIN AND ENAMELING SERVICES USE IT AS AN OPACIFIER.

PAINT MANUFACTURERS USE ANTIMONY TRIOXIDE AS A WHITE PIGMENT.

IT IS SOMETIMES USED WITH OTHER MATERIALS TO FORM YELLOW PIGMENTS.

\* IF MSDS IS REQUIRED, PLEASE CALL OXXIDES, INC. TEL. 845 238 5142

\*\* ANTIMONY TRIOXIDE IS NOT A HAZMAT REGULATED PRODUCT IN 25 KG BAGS

**CAS NO. 1309-64-4**

**U.N. NO. 9201**