XIAMEN DITAI CHEMICALS CO., LTD.
PROFESSIONAL IN CHEMICAL SINCE 1997

8FL,Hongsheng Building,West Hexiang Road,Xiamen, China.
Skype: ditaialice@163.com Whatsapp / Mobile: +86 18120841172
Wechat: Augestl Tel: +86-592-2238655
Fax: +86-592-2680880 Email: alice.lin@xmditai.com
Web: www.xmditaichem.com

ISO9001:2008 Certificated

Please consider the environment before printing this e-mail.

Antimony Trioxide Flame Retardant Rynergist

CAS1309-64-4

Description

Antimony trioxide is a kind of high dispersed superfine granular material, made from antimony trioxide powder of which surface is treated through chemical method that make the powder slightly moisturizes to avoid any fine powder suspending in the air and bringing out harm to human body, meanwhile the antimony trioxide can resist fire and enhance the plastic features.

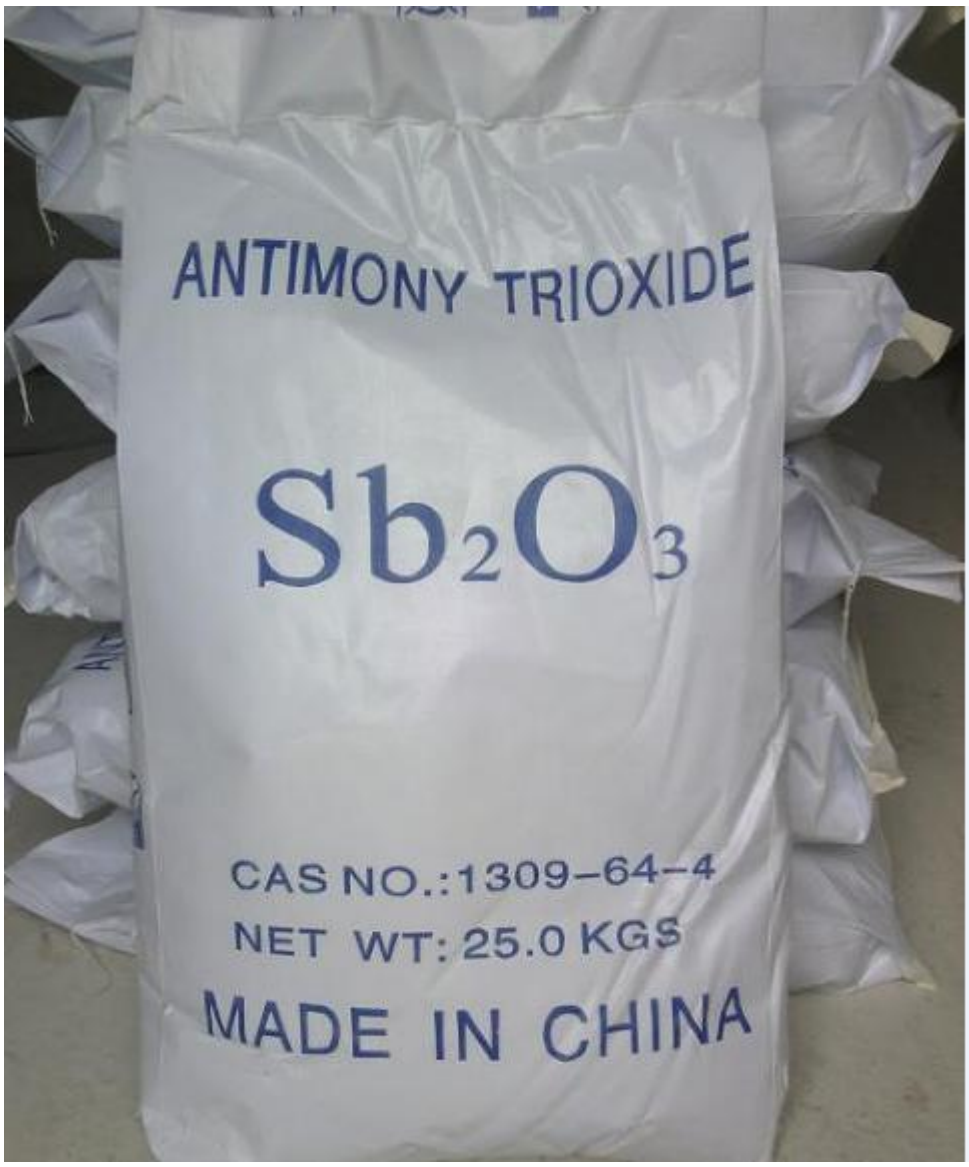
Specification

Item	Sb2O3 99.80	Sb2O3 99.50	Sb2O3 99.00
Sb2O3%≥	96.80	96.5	96.00
DIDP%	2.8 - 3.0	2.8 - 3.0	2.8 - 3.0
AS2O3%≤	0.04	0.06	0.12
PbO%≤	0.03	0.10	0.20
Fe2O3%≤	0.005	0.006	---
Se%≤	0.002	0.002	---
CuO%≤	0.001	0.005	---
L	99	---	---
A	0.6	---	---
B	0.4	---	---
White Degree	97	95	91
Average Size	0.3-0.6μm	0.6-1.1μm	0.3-1.1μm

Application

Widely applied as anti-flaming agent in PVC, PP, PE, PS, ABS, PU and other plastic, with high anti-flaming efficiency, producing less effect on mechanic performance of basic materials(e.g. fire control uniforms, gloves, case of anti-flaming electronic equipment, anti-flaming carriage, anti-flaming wire and cable, etc.)

*Used as filling agent and flame retardant in rubber industry.
*Used as covering agent in porcelain enamel and ceramics.
*Used as non-magnetic ceramics used for making pressure sensitive ceramics and magnet head parts in electronic industry.
*Used as white dye and flame retardant of paint in painting industry.
*Used as catalyze for organic synthesis


ANTIMONY TRIOXIDE
Sb_2O_3
CAS NO.:1309-64-4
NET WT: 25.0 KGS
MADE IN CHINA