

TECHNICAL DATA SHEET

Product Name: Antimony Oxide

HS Code: 2825800000

Batch No/Production No:

Quantity: 5 Tons

Production Date: 2024/1/1

Expire Date: 2026/12/31

1. Chemical product and the manufacturer's information

Product name	Chenzhou brand Antimony trioxide
Manufacturer's or supplier's name, address and telephone	Supplier: Loudi Calvin States Catalyst Sales Co.,Ltd Address: 13th Floor, Junyuehua Building, Fu Qing South Road, Louxing District, Loudi City, Hunan Province, China Tele: 0738-8339433 Fax: 0738-8339433
Contact person and telephone	Wang Dongfei Tele: 13873860878

2. Identification data:

Product name	Antimony oxide						
Another name	Chenzhou brand Antimony trioxide						
Name	Chemical formula	content	Registration No. of chemical abstracts	Allowable concentration		Maximum allowable contraction	Minimum absorptive amount of tested animal (mouse)
				Average content	A moderate amount of short time; Average allowable concentration		
				Allowable concentration			
Antimony oxide	Sb ₂ O ₃	99.9	1309-64-4	0.05		0.5	734.6g/kg
Arsenic oxide		0.03	7440-38-2	0.2		0.01	
Lead oxide		0.02	7439-92-1	0.15		0.05	

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3. Physical and chemical properties

Physical condition: powder		Appearance: white
		Odor: no odor
Boiling point:	1425℃	Vapor pressure: 0MM20
Melting point:	656℃	Specific gravity: 5.2-5.8g/cm3
Relative density:	5.67g/cm3	Solubility in water: slight dissolvable
Speed of volatilization	N/A	Odor: no odor
Degree of volatilization	N/A	

4. Chemical Composition

Grade	Chemical Composition %							
	Main Content (No less than)	Impurity Content(No more than)						
	Sb ₂ O ₃	As	Pb	Fe	Cu	Se	Bi	Cd
Sb ₂ O ₃ 99.90	99.90	0.004 0	0.009 0	0.003 0	0.001 5	0.004 0	0.001 0	0.000 5
Sb ₂ O ₃ 99.80	99.80	0.045 0	0.074 0	0.003 5	0.002 0	0.004 0	0.002 0	0.001 0
Sb ₂ O ₃ 99.50	99.80	0.045 0	0.093 0	0.004 2	0.002 5	0.005 0	0.002 0	0.001 5
Sb ₂ O ₃ 99.00	99.00	0.150	0.186	-	-	-	-	-

5. Physical Properties

Grade	Physical Properties				
	No less than				No more than
	Whiteness	Average Granading /um	Cubic Crystal	EG % Dissolve transmittance	b* Value Chromaticity
Sb ₂ O ₃ 99.90	97	0.0~0.3 0.3~0.9 0.9~1.6	95	97	1.2
Sb ₂ O ₃ 99.80	93	0.3~0.9 0.9~1.5 1.6~2.5	90	-	-
Sb ₂ O ₃ 99.50	93	0.3~0.9 0.9~1.5 1.6~2.5	90	-	-
Sb ₂ O ₃ 99.00	91	-	-	-	-

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6. Others:

Package	Aluminum-plastic bag vacuum packaging+Carton box+wooden pallet (international standard)
Unit Weight	20kg or 25kg per bag
Application	Mainly used for engineering plastics, glass photovoltaic and electric wire and cable

7. Storage

The product can be guaranteed for 12 month provided that the packing material is not damaged. It is suggested that the product be used up in 10 months, especially in the rainy and wet climate.

A wooden or plastic pallet should be used to pad the product below, to prevent moisture on the ground.

The powder should not be exposed to the air too long; when necessary, the product should be baked before using again; the product should be stored in a cool, ventilated, dry warehouse, sealed after each use.

SIGNED BY/DATE

Loudi Calvin States Catalyst Sales Co.,Ltd