

**MATERIAL SAFETY DATA SHEET**  
**ANTIMONY POWDER**

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Antimony Powder, 99+%

**Company Identification:**

**MetroCHEM Metal Powders Pvt Ltd,  
G-1/79-80, RIICO, Deoli (Tonk-Raj.)-304804**

**Emergency Contact: +91-96600-86529**

**SYNONYMS:** Antimony Metal

**SECTION 2 – INGREDIENTS**

Material or component	CAS Number	Percent %	Threshold Limit Value OSHA PEL
Antimony Metal	7440-36-0	99%-100%	0.5 mg/m <sup>3</sup>

Chemicals listed as carcinogen or possible carcinogen:

	NO
NTP	X
IARC	X
OSHA	X

**SECTION 3 – CHEMICAL & PHYSICAL PROPERTIES**

Boiling point:	1750 °C
Melting point:	630 °C
Solubility in water:	None
% volatile (vol.):	N.A.
Specific gravity (water = 1):	6.68
Vapor pressure (mmHg):	N.A.
Evaporation rate:	N.A.
pH:	N.A.
Appearance and odor:	Gray and odorless.

**Section 4 : First-Aid Measures**

In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush

with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult ,call Physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eye lids with fingers. In serious conditions, call a physician, Show the container or label.

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### **Section 5 : Fire Fighting Measures**

Extinguishing Media. Water Spray.  
Carbon dioxide ,dry chemical powder or appropriate foam. Special firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent with skin and eyes.

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### **Section 6 : Accidental Release Measures**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves .Sweep up , place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

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### **Section 7 : Handling and Storage**

Handling - Refer to section 8  
Storage - Store below 30°C

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### **Section 8 : Exposure Controls/Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

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### **Section 9 : Physical and Chemical Properties**

Appearance : Silver or gray powder.

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### **Section 10 : Stability and Reactivity**

Stability : Product is stable if stored as per the conditions specified under storage of Section No.7 Product loses

its potency/performance above 45°C.  
Conditions to avoid : Heat and light.  
Hazardous polymerization will not occur.

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### **Section 11 : Toxicological Information**

Acute Effects : May be harmful if swallowed.  
Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.  
RTECS No. : CC4025000  
For complete information RTECS may be referred

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### **Section 12 : Ecological Information**

Data not available

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### **Section 13 : Disposal Considerations**

On completion of work all used or unusable preparations of this product and derivatives there of are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal , state and local laws.

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### **Section 14 : Transport Information**

UN No: Not Applicable.

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### **Section 15 : Regulatory Information**

Risk Phrases : Harmful by inhalation and if swallowed.  
Risk Phrases : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Safety Phrases : Avoid release to the environment. Refer to special instructions/Safety data sheets.

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Hazard : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.  
Caution : Avoid release to the environment.

Hazard :Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health.

Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.

Caution : Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.

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**Section 16 : Other Information**

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users' obligation to investigate and determine the suitability of the information for their particular purpose.

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