Material Safety Data Sheet

Science Stuff, Inc.
1104 Newport Ave
Austin, TX 78753

Phone (512) 837-6020
Chemtrec 800-424-9300
24 Hour Emergency Assistance

Section 1 Identification

Product Number: C1266
Product Name: Antimony Metal Lumps
Health: 2
  Flammability: 1
  Reactivity: 0

Trade/Chemical Synonyms
Formula: Sb
RTECS: CC4025000
C.A.S: CAS# 7440-36-0

Section 2 Component Mixture

<table>
<thead>
<tr>
<th>Sara</th>
<th>Component</th>
<th>CAS Number</th>
<th>%</th>
<th>Dim</th>
<th>Exposure Limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>313</td>
<td>Antimony Metal</td>
<td>CAS# 7440-36-0</td>
<td>100%</td>
<td>W/W</td>
<td>OSHA TWA 0.5 (as Sb) mg/m³</td>
</tr>
</tbody>
</table>

Section 3 Hazard Identification (Also see section 11)

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire/Explosion Hazards: Dust at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition.

Section 7 Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH/MSHA-approved respirator
Ventilation: Mechanical: Hand Protection: NIOSH Approved Gloves
  Local Exhaust: Eye Protection: Glasses
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>630°C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>1440°C</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1mm Hg @ 886°C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>information not available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Silver grey metallic particles, no odor</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Lower Flamm. Limit in Air</td>
<td>1.2%</td>
</tr>
<tr>
<td>Upper Flamm. Limit in Air</td>
<td>10.0%</td>
</tr>
<tr>
<td>Auto ignition Temperature</td>
<td>N/A</td>
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</table>

Section 10 Stability and Reactivity Information

Stability: Stable
Conditions to Avoid: Avoid contact
Materials to Avoid: Acids, halogens, nitrates, potassium permanganate, peroxides
Hazardous Decomposition Products: Stilbene fumes (SbH3)
Hazardous Polymerization: Will Not Occur
Condition to Avoid: None known

Section 11 Additional Information

http://www.sciencestuff.com/msds/C1266.html
Conditions aggravated/target organs: Persons with preexisting skin, eye, respiratory or kidney and liver disorders may be more susceptible. Acute: Irritation possible to skin, eyes, mucous membranes, respiratory and GI tracts. Headache, dizziness, nausea

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

<table>
<thead>
<tr>
<th>Revision No:</th>
<th>Date Entered:</th>
<th>Approved by:</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>9/1/2006</td>
<td>WPF</td>
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