Section 1 - Product and Company Information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>VENOM SNAKE PSEUDECHIS COLLETTI GUTTATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>V0876</td>
</tr>
<tr>
<td>Brand</td>
<td>SIGMA</td>
</tr>
<tr>
<td>Company</td>
<td>Sigma-Aldrich</td>
</tr>
<tr>
<td>Address</td>
<td>3050 Spruce Street</td>
</tr>
<tr>
<td></td>
<td>SAINT LOUIS MO 63103 US</td>
</tr>
<tr>
<td>Technical Phone:</td>
<td>800-325-5832</td>
</tr>
<tr>
<td>Fax:</td>
<td>800-325-5052</td>
</tr>
<tr>
<td>Emergency Phone:</td>
<td>314-776-6555</td>
</tr>
</tbody>
</table>

Section 2 - Composition/Information on Ingredient

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>VENOM SNAKE PSEUDECHIS</td>
<td>None</td>
</tr>
<tr>
<td>COLLETTI GUTTATUS</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Poison. May be fatal if enters bloodstream. Do not breathe dust. Do not use if skin is cut or scratched. Wash thoroughly after handling.

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

INFORMATION FOR PHYSICIAN

Local zoos may have samples of antivenin. Other possible sources
of antivenin can be found in "Snake Venom Poisoning"; F.E.
Russell; Scholium International Inc.: Great Neck, NY 1983.

Section 5 - Fire Fighting Measures

FLASH POINT
N/A

AUTOIGNITION TEMP
N/A

FLAMMABILITY
N/A

EXTINGUISHING MEDIA
Suitable: Carbon dioxide, dry chemical powder, or appropriate
foam.

FIREFIGHTING
Protective Equipment: Wear self-contained breathing apparatus
and protective clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Wear self-contained breathing apparatus, rubber boots, and heavy
rubber gloves.

METHODS FOR CLEANING UP
Sweep up, place in a bag and hold for waste disposal. Avoid
raising dust. Ventilate area and wash spill site after material
pickup is complete.

Section 7 - Handling and Storage

STORAGE
Store at -20°C

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS
Use only in a chemical fume hood.

PERSONAL PROTECTIVE EQUIPMENT
Respiratory: Use respirators and components tested and approved
under appropriate government standards such as NIOSH (US) or CEN
(EU). Respiratory protection is not required. Where protection
from nuisance levels of dusts are desired, use type N95 (US) or
type P1 (EN 143) dust masks.
Hand: Compatible chemical-resistant gloves.
Eye: Chemical safety goggles.

Section 9 - Physical/Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>At Temperature or Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>BP/BP Range</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
N/A = not available

Section 10 - Stability and Reactivity

STABILITY
Stable: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS
Hazardous Decomposition Products: Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION
Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

TARGET ORGAN(S) OR SYSTEM(S)
Damage to the heart.

SIGNS AND SYMPTOMS OF EXPOSURE
Damage to the heart. Neurotoxic effects. Blood effects. Exposure can cause: The recognition of the paralytic symptoms and signs of envenomation assumes great importance because, if they are recognized for what they are and antivenene (AV) is given at this stage, it may effectively prevent paralysis developing or may limit its extent.*

CONDITIONS AGGRAVATED BY EXPOSURE
May be fatal if enters bloodstream.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations
APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

Section 15 - Regulatory Information

US CLASSIFICATION AND LABEL TEXT
US Statements: Poison. May be fatal if enters bloodstream. Do not breathe dust. Do not use if skin is cut or scratched. Wash thoroughly after handling.

CANADA REGULATORY INFORMATION
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: No
NDSL: No

Section 16 - Other Information

DISCLAIMER
For R&D use only. Not for drug, household or other uses.

WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2010 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.