SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TETRANDINE

PRODUCT CODES: Cat# B2089-100, 500

MANUFACTURER: BioVision, Inc.

DIVISION: 

ADDRESS: 155 S. Milpitas Boulevard, Milpitas, CA 95035

EMERGENCY PHONE: 858-373-8066

CHEMTREC PHONE: 

OTHER CALLS: 408-493-1800

FAX PHONE: 408-493-1801

SECTION 2: HAZARDS IDENTIFICATION

TETRANDINE:

Emergency Overview

GHS Label elements, including precautionary statements

Pictogram

Signal word: Danger

Hazard statement(s): H300 Fatal if swallowed.

Precautionary statement(s): P264 Wash hands thoroughly after handling
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

HMIS Classification

Health hazard: 3
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0

NFPA Rating

Health hazard: 3
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation. May be fatal if absorbed through skin.

Eyes May cause eye irritation.

Ingestion May be fatal if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Volume</th>
<th>Safety Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRANDINE</td>
<td>Solid</td>
<td>B2089-100: 100 mg B2089-500: 500 mg</td>
<td>See below</td>
</tr>
</tbody>
</table>

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<tr>
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<td>TETRANDINE</td>
<td></td>
<td>See below</td>
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<table>
<thead>
<tr>
<th>Product Name/Chemical Name</th>
<th>CAS Number</th>
<th>EC-No.</th>
<th>MW</th>
<th>Chemical Formula</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRANDINE</td>
<td>518-34-3</td>
<td>--</td>
<td>622.8</td>
<td>C38H42N2O6</td>
<td>100%</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products: Hazardous decomposition products formed under fire conditions— carbon oxides, sulfur oxides.

Further information: Use water spray to cool unopened containers.
SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist or gas.
Environmental precautions: Do not let product enter drains.
Methods for cleaning up: Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Keep away from heat and ignition sources.
Conditions for safe storage
Keep container tightly closed in a cool, dry place.
Recommended storage temperature: -20 °C

SECTION 8: EXPOSURE CONTROLS/PERS...
SECTION 12: ECOLOGICAL INFORMATION

TETRANDINE
Toxicity: no data available
Persistence and degradability: no data available
Bioaccumulative potential: no data available
Mobility in soil: no data available
PBT and vPvB assessment: no data available
Other adverse effects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

TETRANDINE
DOT (US)
UN-Number: 2811 Class: 6.1 Packing group: II; Proper shipping name: Toxic solid, organic, n.o.s. (TETRANDINE)
Marine pollutant: No
Poison Inhalation Hazard: No
IMDG
UN-Number: 2811 Class: 6.1 Packing group: II EMS-No: F-A, S-A; Proper shipping name: Toxic solid, organic, n.o.s. (TETRANDINE)
Marine pollutant: No
IATA
UN-Number: 2811 Class: 6.1 Packing group: II; Proper shipping name: Toxic solid, organic, n.o.s. (TETRANDINE)

SECTION 15: REGULATORY INFORMATION

TETRANDINE
SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/32 Hazards: Acute Health Hazard, Chronic Health Hazard
Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components: TETRANDINE CAS-No. 518-34-3
New Jersey Right To Know Components: TETRANDINE CAS-No. 518-34-3
California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EU regulations

<table>
<thead>
<tr>
<th>Component</th>
<th>Risk Phrases</th>
<th>Safety Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRANDINE</td>
<td>R28</td>
<td>S28, S36/37, S45</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:
PREPARATION INFORMATION:
DISCLAIMER:
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. BioVision, 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.