SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: Pro-Pen-G Injection RM (penicillin G procaine)

1.2. Intended Use of the Product
Veterinary Antibiotic

1.3. Name, Address, and Telephone of the Responsible Party
Company
Bimeda Inc.
One Tower Lane
Oakbrook Terrace Tower
Oakbrook Terrace, IL 60181
www.bimedaus.com
T 630.928.0361
F 630.928.0362

1.4. Emergency Telephone Number
Emergency Number: 519-654-8055
800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
GHS-US classification
Resp. Sens. 1 H334
Skin Sens. 1 H317
Muta. 2 H341
Full text of H-phrases: see section 16

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):  

Signal Word (GHS-US): Danger
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341 - Suspected of causing genetic defects.

Precautionary Statements (GHS-US): P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing vapors, mist, or spray.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, and eye protection.
P284 - [In case of inadequate ventilation] wear respiratory protection.
P302+P352 - If on skin: Wash with plenty of water.
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see section 4 on this SDS).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards
Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.
2.4. Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium formaldehyde sulfoxylate</td>
<td>(CAS No) 149-44-0</td>
<td>&lt;= 68.6</td>
<td>Muta. 2, H341</td>
</tr>
<tr>
<td>4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-[2S-(2.alpha.,5.alpha.,6.beta.)]-, compound with 2-(diethylylamino)ethyl 4-aminobenzoate (1:1), monohydrate</td>
<td>(CAS No) 6130-64-9</td>
<td>33.25</td>
<td>Resp. Sens. 1, H334, Skin Sens. 1, H317</td>
</tr>
<tr>
<td>Water</td>
<td>(CAS No) 7732-18-5</td>
<td>3</td>
<td>Not classified</td>
</tr>
<tr>
<td>Benzoic acid, 4-amino-, 2-(diethylylamino)ethyl ester, monohydrochloride</td>
<td>(CAS No) 51-05-8</td>
<td>2.18</td>
<td>Acute Tox. 3 (Oral), H301</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td>Disodium carbonate</td>
<td>(CAS No) 497-19-8</td>
<td>&lt;= 1.4</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Trisodium citrate dihydrate</td>
<td>(CAS No) 6132-04-3</td>
<td>1.09</td>
<td>Comb. Dust, H232</td>
</tr>
<tr>
<td>Soybean lecithin</td>
<td>(CAS No) 8002-43-5</td>
<td>0.65</td>
<td>Not classified</td>
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<tr>
<td>2-Pyrrolidinone, 1-ethenyl-, homopolymer</td>
<td>(CAS No) 9003-39-8</td>
<td>0.54</td>
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<tr>
<td>Benzoic acid, 4-hydroxy-, methyl ester</td>
<td>(CAS No) 99-76-3</td>
<td>0.14</td>
<td>Comb. Dust, H232</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1B, H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H35</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 3, H402</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td>Sodium carboxymethyl cellulose</td>
<td>(CAS No) 9004-32-4</td>
<td>0.11</td>
<td>Comb. Dust, H232</td>
</tr>
<tr>
<td>Propyl 4-hydroxybenzoate</td>
<td>(CAS No) 94-13-3</td>
<td>0.02</td>
<td>Comb. Dust, H232</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 2, H401</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>(CAS No) 50-00-0</td>
<td>&lt; 0.00001</td>
<td>Acute Tox. 3 (Oral), H301</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 (Dermal), H311</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 (Inhalation:gas), H331</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>Skin Corr. 1B, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Carc. 1A, H350</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 2, H401</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization. Suspected of causing genetic defects.
Symptoms/Injuries After Inhalation: Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Suspected of causing genetic defects.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).


6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions
Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections
See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s) Veterinary Antibiotic

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).
Pro-Pen-G Injection RM (penicillin G procaine)

Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USA ACGIH</strong></td>
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<tr>
<td><strong>USA ACGIH</strong></td>
</tr>
<tr>
<td><strong>USA NIOSH</strong></td>
</tr>
<tr>
<td><strong>USA NIOSH</strong></td>
</tr>
<tr>
<td><strong>USA IDLH</strong></td>
</tr>
<tr>
<td><strong>USA OSHA</strong></td>
</tr>
<tr>
<td><strong>USA OSHA</strong></td>
</tr>
</tbody>
</table>

8.2. Exposure Controls

**Appropriate Engineering Controls**: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.


**Materials for Protective Clothing**: Chemically resistant materials and fabrics.

**Hand Protection**: Wear protective gloves.

**Eye Protection**: Chemical safety goggles.

**Skin and Body Protection**: Wear suitable protective clothing.

**Respiratory Protection**: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information**: When using, do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1. Information on Basic Physical and Chemical Properties

**Physical State**: Liquid

**Appearance**: White suspension

**Odor**: No data available

**Odor Threshold**: No data available

**pH**: 5.0 - 7.0

**Evaporation Rate**: No data available

**Melting Point**: No data available

**Freezing Point**: No data available

**Boiling Point**: No data available

**Flash Point**: No data available

**Auto-ignition Temperature**: No data available

**Decomposition Temperature**: No data available

**Flammability (solid, gas)**: No data available

**Vapor Pressure**: No data available

**Relative Vapor Density at 20 °C**: No data available

**Relative Density**: No data available

**Solubility**: No data available

**Partition Coefficient: N-Octanol/Water**: No data available

**Viscosity**: No data available
9.2. Other Information  No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:  Hazardous reactions will not occur under normal conditions.
10.2. Chemical Stability:  Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of Hazardous Reactions:  Hazardous polymerization will not occur.
10.4. Conditions to Avoid:  Direct sunlight, extremely high or low temperatures, and incompatible materials.
10.5. Incompatible Materials:  Strong acids, strong bases, strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity:  Not classified

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral LD₅₀ (mg/kg)</th>
<th>Dermal LD₅₀ (mg/kg)</th>
<th>Inhalation LC₅₀ (mg/m³ or mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carboxymethyl cellulose (9004-32-4)</td>
<td>27000</td>
<td>&gt; 2000</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>&gt; 2000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>&gt; 5800 (4 h)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>&gt; 5.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzoic acid, 4-hydroxy-, methyl ester (99-76-3)</td>
<td>2100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>&gt; 5000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propyl 4-hydroxybenzoate (94-13-3)</td>
<td>100000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 5000</td>
<td></td>
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</tr>
<tr>
<td>LD50 Dermal Rat</td>
<td>&gt; 2000</td>
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<tr>
<td>Disodium carbonate (497-19-8)</td>
<td>4090</td>
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<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 5000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rat</td>
<td>&gt; 2000</td>
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<tr>
<td>Formaldehyde (50-00-0)</td>
<td>100</td>
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<tr>
<td>LD50 Oral Rat</td>
<td>270</td>
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<td></td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation:  Not classified

Serious Eye Damage/Irritation:  Not classified

Respiratory or Skin Sensitization:  May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ Cell Mutagenicity:  Suspected of causing genetic defects.

Carcinogenicity:  Not classified

<table>
<thead>
<tr>
<th>Substance</th>
<th>IARC group</th>
<th>National Toxicology Program (NTP) Status</th>
<th>OSHA Hazard Communication Carcinogen List</th>
<th>OSHA Specifically Regulated Carcinogen List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde (50-00-0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reproductive Toxicity:  Not classified

Specific Target Organ Toxicity (Single Exposure):  Not classified

Specific Target Organ Toxicity (Repeated Exposure):  Not classified

Aspiration Hazard:  Not classified

Symptoms/Injuries After Inhalation:  Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

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Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: Suspected of causing genetic defects.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Ecology - General: Not classified.

<table>
<thead>
<tr>
<th>Compound</th>
<th>LC50/Fish 1</th>
<th>EC50 Daphnia 1</th>
<th>ErC50 (algae)</th>
<th>NOEC chronic crustacea</th>
<th>NOEC chronic algae</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoic acid, 4-hydroxy-, methyl ester (99-76-3)</td>
<td>59.5 mg/l (Exposure time: 96 h - Species: Oryzias latipes)</td>
<td>11.2 mg/l</td>
<td>91 mg/l</td>
<td>0.2 mg/l (Species: Daphnia magna)</td>
<td>20 mg/l</td>
</tr>
<tr>
<td>Propyl 4-hydroxybenzoate (94-13-3)</td>
<td>4.1 (4.1 - 8.8) mg/l (Exposure time: 96 h - Species: Danio rerio)</td>
<td>7.97 (7.97 - 32.3) mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disodium carbonate (497-19-8)</td>
<td>300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>265 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Formaldehyde (50-00-0)</td>
<td>22.6 - 25.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
<td>2 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
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<tr>
<td>LC 50 Fish 2</td>
<td>1510 μg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>11.3 - 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2 Persistence and Degradability
Pro-Pen-G Injection RM (penicillin G procaine)
Persistence and Degradability: Not established.

Benzoic acid, 4-hydroxy-, methyl ester (99-76-3)
Persistence and Degradability: Readily biodegradable, according to appropriate OECD test.

12.3 Bioaccumulative Potential
Pro-Pen-G Injection RM (penicillin G procaine)
Bioaccumulative Potential: Not established.

Benzoic acid, 4-hydroxy-, methyl ester (99-76-3)
Bioconcentration factor (BCF REACH): 6.4
Log Pow: 1.98

Disodium carbonate (497-19-8)
BCF fish 1 (no bioaccumulation)

Formaldehyde (50-00-0)
Log Pow: 0.35 (at 25 °C)

12.4 Mobility in Soil: No additional information available

12.5 Other Adverse Effects
Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.
Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT: Not regulated for transport
14.2 In Accordance with IMDG: Not regulated for transport
14.3. In Accordance with IATA  Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1  US Federal Regulations

Pro-Pen-G Injection RM (penicillin G procaine)

SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard
--- | ---
Sodium carboxymethyl cellulose (9004-32-4) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Soybean lecithin (8002-43-5) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzoic acid, 4-hydroxy-, methyl ester (99-76-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzoic acid, 4-amino-, 2-(diethylamino)ethyl ester, monohydrochloride (51-05-8) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Propyl 4-hydroxybenzoate (94-13-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Water (7732-18-5) Listed on the United States TSCA (Toxic Substances Control Act) inventory
2-Pyrrolidinone, 1-ethenyl-, homopolymer (9003-39-8) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Sodium formaldehyde sulfoxylate (149-44-0) Listed on the United States TSCA (Toxic Substances Control Act) inventory
EPA TSCA Regulatory Flag  

| T | T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

Disodium carbonate (497-19-8) Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard
--- | ---
Formaldehyde (50-00-0) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the United States SARA Section 302 Subject to reporting requirements of United States SARA Section 313
SARA Section 302 Threshold Planning Quantity (TPQ)  
500
SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard
--- | ---
Immediate (acute) health hazard
Fire hazard
SARA Section 313 - Emission Reporting  
0.1 %

15.2  US State Regulations

Formaldehyde (50-00-0)

U.S. - California - Proposition 65 - Carcinogens List  
WARNING: This product contains chemicals known to the State of California to cause cancer.

Formaldehyde (50-00-0)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date  
10/06/2015
Other Information  
This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3
| Acute Tox. 3 (inhalation:gas) | Acute toxicity (inhalation:gas) Category 3
Pro-Pen-G Injection RM (penicillin G procaine)
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3 (Oral)</td>
<td>Acute toxicity (oral) Category 3</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity Category 1A</td>
</tr>
<tr>
<td>Comb. Dust</td>
<td>Combustible Dust</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Muta. 2</td>
<td>Germ cell mutagenicity Category 2</td>
</tr>
<tr>
<td>Resp. Sens. 1</td>
<td>Respiratory Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>Skin Sens. 1B</td>
<td>Skin sensitization Category 1B</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H232</td>
<td>May form combustible dust concentrations in air</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H341</td>
<td>Suspected of causing genetic defects</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)