1. PRODUCT AND COMPANY INFORMATION

Distributed By: WG Critical Care, LLC.
120 Route 17 North
Suite 115
Paramus, NJ 07652 USA

Product Name: Ampicillin and Sulbactam for Injection, USP

Active Ingredient/Primary Component:

Ampicillin and Sulbactam for Injection, USP

Structure:

Chemical Name:

Ampicillin
(1) 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, [2S-[2α,5α,6β(S*)]]-; (2) (2S,5R,6R)-6-[(R)-2-Amino-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

Sulbactam
(1) 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-, 4,4-dioxide, sodium salt, (25-cis)--; (2) Sodium (2S,5R)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate 4,4-dioxide

Molecular Formula: Ampicillin C₁₆H₁₉N₃O₄S
Sulbactam C₁₆H₁₀N₃NaO₅S

UNII Code: Ampicillin 7C782967RD
Sulbactam DKQ4T82YE6

CAS Number: Ampicillin 69-53-4
Sulbactam 69388-84-7
1. PRODUCT AND COMPANY INFORMATION (CONT.)

<table>
<thead>
<tr>
<th>Chemical Family:</th>
<th>Ampicillin</th>
<th>Sulbactam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antibacterial</td>
<td>Inhibitor (b-lactamase); synergist (pen./ceph.)</td>
<td></td>
</tr>
</tbody>
</table>

Product Use: Pharmaceutical

Product Type: Prescription Drug

Container Information: Vials

Customer Service Phone Number: +1-888-493-0861

Emergency Phone Number: +1-866-562-4708 (Prosar)

2. HAZARDS IDENTIFICATION

PRIMARY PHYSICAL AND HEALTH HAZARDS:

May cause respiratory tract, eye, and skin irritation. May cause allergic respiratory and skin reaction.

ROUTES OF ENTRY:

Ingestion. Eye contact. Inhalation.

SIGNS & SYMPTOMS OF EXPOSURE:

May cause sensitization by inhalation and skin contact. Irritating to eyes, respiratory system, and skin. May cause allergic reaction in penicillin-sensitive individuals.

Hypersensitivity (anaphylactic/anaphylactoid) reactions (including shock) have been reported in patients receiving therapy with penicillins. Individuals with a history of penicillin hypersensitivity or a history of sensitivity to multiple allergens should avoid contact. The most common effects may include diarrhea, headache, constipation, nausea, insomnia, rash, vomiting, dyspepsia, pruritus, stool changes, fever, agitation, pain, moniliasis, hypertension, dizziness, abdominal pain, chest pain, edema, anxiety, rhinitis, and dyspnea.

CHEMICAL LISTED AS CARCINOGEN:

NTP: NO  IARC: NO  OSHA: NO
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight %</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ampicillin Sodium</td>
<td>66-67</td>
<td>69-52-3</td>
</tr>
<tr>
<td>Sulbactam Sodium</td>
<td>33-34</td>
<td>69388-84-7</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYE EXPOSURE: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

SKIN EXPOSURE: Wash contaminated skin with soap and water. Get medical attention if irritation develops.

INGESTION: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

NOTE TO PHYSICIAN: See patient package insert in shipping carton for complete information.

5. FIRE FIGHTING MEASURES

FLASH POINT: Not Established
AUTO-IGNITION TEMPERATURE: Not Established
FLAMMABLE LIMITS IN AIR: Not Established
FLAMMABLE LIMITS: Not Established
EXTINGUISHING MEDIA: Use foam or all-purpose dry chemicals
UNUSUAL FIRE / EXPLOSION HAZARDS: No data available
6. ACCIDENTAL RELEASE MEASURE

SPILL: Contain and collect spillage and place in container for disposal according to local regulations (See Section 13). Wipe surface area clean with soap and water. Avoid contact with strong oxidizing agents.

RELEASE TO AIR: Prevent release to drains and waterways. Prevent release to the environment.

RELEASE TO WATER: Refer to local water authority. Drain disposal is not recommended; refer to local, state, and federal disposal guidelines.

7. HANDLING AND STORAGE

GENERAL HANDLING: When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product. Keep away from sources of ignition.

STORAGE CONDITIONS: Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature between 20°C and 25°C (68°F and 77°F).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: If respiratory protection is used, the type of protection will depend upon air concentration present, required protection factor as well as hazards, physical properties of substance.

EYE PROTECTION: Safety glasses with side shields or goggles are recommended.

VENTILATION: General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary.

SKIN PROTECTION: Protect with disposable garments if direct skin contact is anticipated.
OTHER PROTECTIVE EQUIPMENT: Chemical resistant gloves.

ADDITIONAL EXPOSURE PRECAUTIONS: Wash hands and face before breaks and immediately after handling product.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PHYSICAL STATE:</th>
<th>Crystalline Form Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>Not Available</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>Off white-pale yellow</td>
</tr>
<tr>
<td>EVAPORATION RATE:</td>
<td>Not Available</td>
</tr>
<tr>
<td>BOILING POINT:</td>
<td>Not Available</td>
</tr>
<tr>
<td>MELTING POINT:</td>
<td>Not available</td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY:</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>Not Available</td>
</tr>
<tr>
<td>pH:</td>
<td>8.0-10.0</td>
</tr>
<tr>
<td>Percent Volatile:</td>
<td>Not Available</td>
</tr>
<tr>
<td>Explosive Properties:</td>
<td>Not Available</td>
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</tbody>
</table>

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage conditions

INCOMPATIBILITY: Acids, bases, oxidizing agents

HAZARDOUS POLYMORIZATION: Not available

HAZARDOUS DECOMPOSITION: Not available

CONDITIONS TO AVOID: Acids, bases, oxidizing agents

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TYPE</th>
<th>ROUTE</th>
<th>SPECIES</th>
<th>DOSAGE</th>
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</thead>
<tbody>
<tr>
<td>Ampicillin</td>
<td>LD50</td>
<td>Oral</td>
<td>Rat</td>
<td>5314mg/kg</td>
</tr>
<tr>
<td>Sulbactam</td>
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12. ECOLOGICAL INFORMATION

No applicable information found.
13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:
DOT: Not Regulated
ICAO / IATA: Not Regulated
IMO: Not Regulated

15. REGULATORY INFORMATION

Below is selected regulatory information chosen primarily for possible WG Critical Care use. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your city / state / country.

US Regulations
TSCA – No
CERCLA-No
SARA 313 – No
OSHA Substance Specific - No

16. OTHER INFORMATION

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.