

## I Identification

Product Name: **Penicillin G, Sodium Salt**

Catalog Number: **P056**

Synonyms:

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

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Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

Recommended Use:

Restrictions On Use:

## II Hazard(s) Identification

Overview: **Caution! Individuals with allergies or hypersensitivity to antibiotics should take caution. May cause allergic respiratory and skin reaction. May cause eye, skin, and respiratory tract irritation.**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health:

Flammability:

Reactivity:

Special:

Pictograms:

## III Composition / Information on Ingredients

General Information:

Component:

CAS#:

% by Weight:

#### IV First-Aid Measures

General Information: **Note to Physician, treat symptomatically and supportively.**

Route of Exposure

Oral: **Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel.**

Inhalation: **Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.**

Dermal: **Immediately wash skin with soap and copious amounts of water.**

Eye: **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.**

#### V Fire-Fighting Measures

General Information: **Wear a self-contained breathing apparatus in pressuredemand NIOSH approved, and full protective gear.**

**Irritating and highly toxic gases may be generated by thermal decomposition. This material in sufficient quantity is capable in creating a dust explosion.**

Flammable Properties

General:

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media: **Use extinguishing media appropriate to surrounding fire conditions.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information:

#### VI Accidental Release Measures

General Information: **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.**

#### VII Handling and Storage

Handling: **Store in a cool place in the original container and protect from sunlight. Keep container closed when not in use.**

Storage: **Store in a cool place in the original container and protect from sunlight. Keep container closed when not in use.**

## VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures: **A system of local and/or general exhaust is recommended. Eyewash facility and a safety shower is recommended.**

Personal Protective Equipment

General:

Eye Protection: **Wear safety glasses or goggles.**

Hand Protection: **Wear protective gloves.**

Respiratory Protection: **Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 respirator.**

Skin and Body Protection: **Wear clean body-covering clothing.**

Hygiene Measures:

## IX Physical and Chemical Properties

General Information:

Appearance: **colorless solution**

pH: **5.5-7.5**

Specific Gravity:

Melting Point:

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

## X Stability and Reactivity

General Information: **Stable under normal conditions.**

Storage Stability

Temperature: **2 to 8 degrees C**

Light Sensitive: **True**

Incompatibles: **Strong oxidizing agents, acids, heavy metal salts.**

Hazardous Decomposition Products: **Carbon monoxide, oxides of nitrogen, oxides of sulfur, carbon dioxide.**

**XI Toxicological Information**

General Information:

Acute Toxicity: **Individuals with allergies or hypersensitivity to antibiotics should take caution. May cause allergic respiratory and skin reaction. May cause eye, skin, and respiratory tract irritation.**

Chronic Toxicity: **Laboratory experiments have resulted in mutagenic effects.**

Local Effects: **Eye: May cause mild eye irritation.**

**Skin: May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.**

**Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. May cause allergic reaction.**

Target Organs: **Respiratory system, skin.**

Carcinogenicity:

OSHA Permissible Exposure Limits:

**XII Ecological Information**

General Information:

**XIII Disposal Considerations**

General Information:

Disposal of Product: **Observe all federal, state and local environmental regulations.**

Disposal of Packaging:

**XIV Transport Information**

Proper Shipping Name: **CHEMICALS, N.O.S (NON-REGULATED)**

UN#:

Class:

Packaging Group:

Hazard Label: **Avoid breathing dust.**

**Keep container closed.**

**Use with adequate ventilation.**

**Avoid contact with eyes, skin and clothing.**

**Wash thoroughly after handling.**

**XV Regulatory Information**

General Information:

TSCA:

SARA 313:

XVI Other Information

General Information: **The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.**