

## 1 Identification

**Product Name:** 6-Benzylaminopurine

**Catalog Number:** B001

**Company:** Caisson Laboratories

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

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**Recommended Use:**

**Restrictions On Use:**

## 2 Hazard(s) Identification

**Classification of the Substance or Mixture**

**GHS Classification:**

**GHS Label elements, including precautionary statements**

**Signal Word:**

**Hazard Statements**

**Precautionary Statements**

**Pictograms:**

## 3 Composition / Information on Ingredients

**Synonyms:** BA; 6-Benzyladenine

**Formula:**

**Molecular Weight (g/mol):**

**CAS Number:** 1214-39-7

**EC Number:**

Component	Concentration (%)	Classification
Carrageenan	99 - 100	Not a hazardous substance or mixture.

## 4 First-Aid Measures

**General advice:**

**Route of Exposure**

**If swallowed:** Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**In case of skin contact:** Immediately wash skin with soap and copious amounts of water. Call a physician.

**In case of eye contact:** 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.

**If inhaled:** If inhaled, move to fresh air, if breathing becomes difficult. Call a physician.

**Most important symptoms and effects, both acute and delayed:**

**Recommendation for immediate medical care and special treatment needed:**

## 5 Fire-Fighting Measures

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

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

**Special hazards arising from the substance or mixture:**

**Additional Information:**

## 6 Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:**

**Environmental precautions:**

**Methods and material for containment and cleanup:**

## 7 Handling and Storage

**Precautions for safe handling:** Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage:** Room Temperature

**Recommended storage temperature:**

**Incompatibilities:** Strong oxidizing agents

## 8 Exposure Controls / Personal Protection

**OSHA Permissible Exposure Limits (PELs):**

**ACGIH Threshold Limit Values (TLVs):**

**Engineering controls:** A system of local and/or general exhaust is recommended.

**Personal Protective Equipment (PPE)**

**Eye/face protection:** Wear safety glasses or goggles.

**Skin protection:** Wear protective gloves.

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

**Body protection:** Wear clean body-covering clothing.

## 9 Physical and Chemical Properties

**Appearance:** Off-White powder

**pH:**

**Solubility:**

**Specific Gravity:**

**Melting Range:** 230-233C

**Odor:**

**Odor Threshold:**

**Viscosity:**

**Relative Density:**

**Evaporation Rate:**

**Initial Boiling Point and Boiling Range:**

**Flash Point:**

**Flammability (Solid, gas):**

**Flammability Upper/Lower Limits:**

**Partition Coefficient: n-octanol/water:**

**Vapor Density:**

**Vapor Pressure:**

**Auto-ignition Temperature:**

**Decomposition Temperature:**

## 10 Stability and Reactivity

**Reactivity:**

**Chemical stability:**

**Possibilities of hazardous reactions:**

**Conditions to avoid:**

**Incompatible materials:**

**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

## 11 Toxicological Information

**Toxicity:** RTECS: AU6252200

Oral LD50 Rat : 2125 mg/kg

Oral LD50 Mouse : 1300 mg/kg

**Carcinogenicity**

**NTP:**

**IARC:**

**OSHA:**

**Reproductive toxicity:**

**Symptoms associated with overexposure:**

**Specific target organ toxicity - single exposure:**

**Specific target organ toxicity - repeated exposure:**

**Target Organs:** Skin

**Medical conditions aggravated by exposure:**

**Routes of entry:**

**NIOSH/RTECS:**

## 12 Ecological Information

**Toxicity:**

**Persistence and degradability:**

**Bioaccumulative potential:**

**Mobility in soil:**

**Results of PBT and vPvB:**

**Other adverse effects:**

## 13 Disposal Considerations

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

**Disposal of Packaging:** Dispose of as unused product.

## 14 Transport Information

### DOT (US)

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

UN/NA number: N/A Class: N/A Packaging group: N/A Hazard Label: N/A

Reportable Quantity (RQ): N/A

Poison Inhalation Hazard: N/A

### IMDG

Proper Shipping Name:

UN number: Class: Packaging group: Hazard Label:

### IATA

Proper Shipping Name:

UN Number: Class: Packaging group: Hazard Label:

## 15 Regulatory Information

**TSCA:** Listed

## SARA Title III

Section 302 (EHS) Ingredients:

Section 313 Ingredients:

Section 304 (EHS/CERCLA) Ingredients:

Section 311/312 Hazard:

## 16 Other Information

### HMIS Rating

Health hazard:

Chronic health hazard:

Flammability: 0

Physical hazard:

### NFPA Rating

Health hazard: 2

Fire hazard: 0

Reactivity: 0

Special Hazard:

**Further 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.

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