

1 Identification

Product Name: 6-Benzylaminopurine

Catalog Number: B001

Company: Caisson Laboratories

Address: 836 South 100 East, Smithfield, UT 84335

Telephone: 435.755.7615

Fax: 435.755.7617

Emergency Contact: CHEMTREC 800.424.9300 (703.527.3887)

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_x)

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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