Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER
Name On Label : 6-Benzylaminopurine
Supplier : PANPAN INDUSTRY CO., LIMITED
Add: RM308, Building number9, National University Technology Zone, Zhengzhou, Henan, China
Tel: +86-371-60383117 Fax: +86-371-86231117

2. COMPOSITION AND INFORMATION ON COMPONENTS
Name : 6-Benzylaminopurine
Min or Impurities : Not determined
CAS Number : 1214-39-7

3. HAZARDS IDENTIFICATION
Designation :
HARMFUL ~ IRRITANT
Risk Phrases
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES
Inhalation
Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.

Eye Contact
Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact
Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.

Ingestion
Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.
5. FIRE FIGHTING MEASURES
Extinguishing Medium
Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment
Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion May Include:
carbon monoxide, carbon dioxide, hydrogen chloride (hydrochloric acid).

6. ACCIDENTAL RELEASE MEASURES
Personal Protection
Avoid inhalation or contact of spilled material with skin or clothing. Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental Protection
Take precautions to ensure product does not contaminate the ground or enter the drainage system.

Collection
Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7. HANDLING AND STORAGE
Handling
Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

Storage
Store in tightly sealed containers in a cool place. Protect from moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
Respiratory
Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.
Eye
Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

Hands and Body
Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body and face protection. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: White to off-white powder
Molecular Formula: C_{12}H_{11}N_{5}

Formula Weight: 225.25
Water Solubility: V sol
Melting Point: 230-233°C
Boiling Point: 145°C
Flash Point: 103 °F
Purity: > 99%
Water: < 0.5%
Heavy Metal: < 10ppm
Density: Not available
Flash Point: Not available

10. STABILITY AND REACTIVITY
Specific Hazard
Incompatibilities
Strong bases. Strong oxidising agents.

Decomposition
Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, hydrogen chloride (hydrochloric acid).

11. TOXICOLOGICAL INFORMATION
RTECS Number: AG0175000
Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.
12. ECOLOGICAL EFFECTS
General
Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS
Disposal
Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION
Common commodity transportation

15. REGULATORY INFORMATION
CAS Number : 1214-39-7
EINECS Number : 214-927-5
Risk and Safety Phrases
Harmful by inhalation, in contact with skin and if swallowed.
Irritating to eyes, respiratory system and skin.
Keep away from food, drink and animal feeding stuffs.
TSCA: Listed substance.

16. OTHER INFORMATION
It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.