

MATERIAL SAFETY DATA SHEET

6-Benzylaminopurine, 99+%

PART 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Msd Name: 6-Benzylaminopurine, 99+%

Synonyms:

Company Name: Shenzhen Honest Chem Chemical Co. Ltd

Add: 20-402, District A, Nanyou, Nanshan, Shenzhen

Postcode: 518054

Company Telephone: 0755-26404303

Fax: 0755-26404265

Document Number: Dec-2003-CSDS001

Date into Effect: 18/12/2003

Emergency Call: 0755-27237286

Website: <http://www.chemanswer.net>

Registered Code:

PART 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS# 1214-39-7

Chemical Name 6-Benzylaminopurine

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

PART 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Not available.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through
the
skin.

Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

PART 4 - FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

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.

Notes to Physician:

Treat symptomatically and supportively.

PART 5 - FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

PART 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated

in Part 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

PART 7 – HANDLING and STORAGE

Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

PART 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes:

Wear chemical goggles.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

PART 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder
Color: almost white to faintly yellow
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.

Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 229 - 233 deg C
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: 0.44 g/l in water (15°C)
Specific Gravity/Density:
Molecular Formula: C₁₂H₁₁N₅
Molecular Weight: 225.25

PART 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

PART 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 1214-39-7: AU6252200

LD50/LC50:

CAS# 1214-39-7: Inhalation, rat: LC50 = 5.2 gm/m³; Oral, mouse:

LD50

= 1300 mg/kg; Oral, rat: LD50 = 2125 mg/kg; Oral, rat: LD50 =

1.3

gm/kg; Skin, rabbit: LD50 = 5 gm/kg.

Carcinogenicity:

6-Benzylaminopurine -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

PART 12 - ECOLOGICAL INFORMATION

PART 13 – DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

PART 14 – TRANSPORT INFORMATION

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

PART 15 REGULATORY INFORMATION

Regulations: Safety Regulation for Hazardous Chemicals

Detail Application Rules of Safety Regulation for Hazardous Chemicals

Rules of Using Chemical Safely at Working Spot

Cass and Sign For Common Hazardous Chemicals (European Labeling in Accordance with EC Directives)

General Technique Conditions For Transportation and Packing Hazardous Goods (European Labeling in Accordance with EC Directives)

PART 16 OTHER INFORMATION

References: 1. Safety Management for Chemicals at Working Spot

2. Safety Handbook for Hazardous Goods

3. All-Round Book for Safety Technology Hazardous Chemicals

4. Register Regulation for Hazardous Chemicals

Writing Date: December, 2003