



PHENYL BUTAZONE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : PHENYL BUTAZONE  
Use : Production of pharmaceuticals.  
Company identification : Nantong Jinghua Pharmaceutical Co. Ltd.  
2-02#, crossroad between 3 Haibin Road and 2 Tonghai Road,  
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China, 226407  
Tel. +86 (0)513 85609405 Fax. +86 (0)513 85609407

2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Classification in accordance with Regulation 1907/2006**

Carc. Cat. 3; R40

Xn; R20/21/22

Xi; R36/37/38

R42/43

**R Phrases**

R20/21/22

Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38

Irritating to eyes, respiratory system and skin.

R42/43

May cause sensitization by inhalation and skin contact.

R40

Limited evidence of a carcinogenic effect.

**S phrases**

S22

Do not breathe dust.

S36/37

Wear suitable protective clothing and gloves.

S45

In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S53

Avoid exposure - obtain special instructions before use.

**Classification in accordance with Regulation (EC) No 1272/2008**

Carc. 2, H351

Acute tox. 3 H301

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**

GHS06



GHS08



**Signal word**

Danger



PHENYL BUTAZONE

2 HAZARDS IDENTIFICATION (continued)

**Hazard statements**

H351 Suspected of causing cancer.  
H301 Toxic if swallowed.

**Precautionary statements**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P201 Obtain special instructions before use.  
P260 Do not breathe dust.  
P280 Wear suitable protective clothing and gloves.  
P330 Rinse mouth.  
P405 Store locked up.  
P501 Dispose of contents/container to hazardous or special waste collection point.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Components	contents	CAS No	EC No
Phenylbutazone	: This product is hazardous.		50-33-9	200-029-0

4 FIRST AID MEASURES

First aid measures

- Inhalation : Assure fresh air breathing. Rest. If you feel unwell, seek medical advice.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion : Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

*In case of reaction described in hazards identification or other severe, immediate or persisting symptoms seek medical advice and call the nearest poison centre. Show the label and this safety data sheet.*

5 FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media : Water spray. Carbon dioxide. Dry powder.
- Unsuitable extinguishing media: Do not use a heavy water stream.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Protection against fire : Do not enter fire area without proper protective equipment,



PHENYL BUTAZONE

5 FIRE-FIGHTING MEASURES (continued)

including respiratory protection.

Hazardous combustion products: Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

6 ACCIDENTAL RELEASE MEASURES

- General precautions : Remove ignition sources. Evacuate area.
- Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
- Clean up methods : Clean spill promptly. To clean the floor and all objects contaminated by this material, use: sodium hypochlorite solution. Ensure adequate ventilation.

7 HANDLING AND STORAGE

- Personal protection : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.
- Technical protective measures : Material should be handled in a laboratory hood whenever possible.
- Handling : Handle in accordance with good industrial hygiene and safety procedures.
- Storage : Keep container tightly closed in a cool, well ventilated place.
- Storage – away from : All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protection



- Respiratory protection : Wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Skin protection : Wear suitable protective clothing.
- Eye protection : Chemical goggles or safety glasses.
- Industrial hygiene : Provide local exhaust or general room ventilation. Material should be handled in a laboratory hood whenever possible



PHENYL BUTAZONE

9 PHYSICAL AND CHEMICAL PROPERTIES

Chemical formula	: C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular weight	: 308.4
Physical state at 20°C	: Powder.
Colour	: White.
PH value	: No data available.
Melting point [°C]	: 104-107
Boiling point [°C]	: No data available.
Solubility in water	: Insoluble.
Solubility	: No data available.
Flash point [°C]	: No data available.
Log P octanol / water at 20°C	: No data available.

10 STABILITY AND REACTIVITY

Stability and reactivity	: Stable under normal conditions.
Materials to avoid	: Strong oxidizers. Strong acids. Strong bases.
Conditions to avoid	: Light.
Hazardous decomposition products	: Carbon monoxide. Nitrogen oxides. Carbon dioxide. When heated to decomposition, emits dangerous fumes.
Hazardous reactions	: None under normal conditions.
Hazardous polymerization	: Will not occur.

11 TOXICOLOGICAL INFORMATION

Rat oral LD <sub>50</sub> [mg/kg]	: 245
Rabbit dermal LD [mg/kg]	: No data available.
Rat inhalation LC [mg/L/4h]	: No data available.
Acute toxicity	: Nausea. Vomiting. Gastrointestinal disorders. Headache. Dizziness. Nervous system disorders. This material may induce blood disorders and/or aggravate pre-existing blood disorders. Sleepiness.
Chronic toxicity	: No data available.
Sensitization	: May cause sensitization by inhalation and skin contact.
Carcinogenicity	: Category 2: Substances which should be regarded as if they are carcinogenic to man.

12 ECOLOGICAL INFORMATION

Ecological effects information	
LC <sub>50</sub> -96 Hour - fish [mg/L]	: No data available.



PHENYL BUTAZONE

12 ECOLOGICAL INFORMATION (continued)

EC50-48 Hour - Daphnia magna [mg/L] : No data available.  
IC50-72h – Algae [mg/L] : No data available.  
Biodegradation [%] : No data available.  
Persistence – degradability : No data available.  
Log P octanol / water at 20°C : No data available.  
Bioaccumulative potential : No data available.

13 DISPOSAL CONSIDERATIONS

General : Dispose of this material and its container at hazardous or special waste collection point.  
Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

Land transport

- Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S.(Phenylbutazone)  
- UN No. : 2811  
- ADR Class : 6.1  
- ADR Packing group : III  
- Labeling ADR



Air transport

- Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S.(Phenylbutazone)  
- UN No. : 2811  
- IATA - Class or division : 6.1  
- IATA Packing group : III  
- IATA-Label



15 REGULATORY INFORMATION

R Phrases

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15 REGULATORY INFORMATION (continued)

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**Hazard statements**

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16 OTHER INFORMATION

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, as amended.

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