

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Phenybutazone USP
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.
Product Code 30-1011
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Carc. Cat. 2
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) May cause cancer. Toxic if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention 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.
Response P330 Rinse mouth.
Storage P405 Store locked up.
Disposal P501 Dispose of contents/container to hazardous or special waste collection point.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Phenybutazone
% By Weight 100
CAS# 50-33-9
Molecular Weight Not available.
Chemical Formula C₁₉H₂₀N₂O₂
Synonym(s) 4-Butyl-1,2-diphenyl-3,5-pyrazolidinedione

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Phenybutazone	50-33-9	100	Not available.	Not available.

Section 4: 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.
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray. Carbon dioxide. Dry powder.

Unsuitable Extinguishing Media

Do not use a heavy water stream.

Products of Combustion

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

Firefighters Special Equipment and Precautions

Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 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.

Section 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.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available
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.

Section 9: Physical and Chemical Properties

Appearance	White. Powder.		
Odor	Not available		
Odor Threshold	Not available		
Melting Point	104-107°C	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not available.	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Insoluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Light
Incompatible Materials	Strong oxidizers. Strong acids. Strong bases. When heated to decomposition, emits dangerous fumes.
Hazardous Decomposition Products	Carbon monoxide. Nitrogen oxides. Carbon dioxide.

Section 11: Toxicological Information

RTECS	UQ8225000
Acute Toxicity	
Rat oral LD50 [mg/kg]	: 245
Rabbit dermal LD [mg/kg]	: No data available.
Rat inhalation LC [mg/L/4h]	: No data available.
Skin Corrosion/Irritation	
May cause sensitization by inhalation and skin contact.	
Serious Eye Damage/Irritation	
Not available	
Respiratory or Skin Sensitization	
May cause sensitization by inhalation and skin contact.	
Germ Cell Mutagenicity	
Not available	
Carcinogenicity	
Category2: Substances which should be regarded as if they are carcinogenic to man.	
Reproductive Toxicity	
Not available	
Routes of Entry	
Eye contact. Ingestion.	

Symptoms Related to Exposure

Nausea. Vomiting. Gastrointestinal disorders. Headache. Dizziness. Nervous system disorders.

Potential Health Effects

This material may induce blood disorders and/or aggravate pre-existing blood disorders. Sleepiness.

Target Organ(s) Not available

Section 12: Ecological Information**Ecotoxicity**

Not available

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

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.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

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

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

Not available.