



Safety Data Sheet

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

Phenobarbital USP

24-1015

Section 1: Identification

Product Name Phenobarbital USP

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 24-1015

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: Acute tox.3 Skin sens. 1 Carc. Cat 2 Repr. Cat 1B
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) Toxic if swallowed. May cause an allergic skin reaction. Suspected of causing cancer. May damage the unborn child.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P201 Obtain special instructions before use, P280 Wear suitable protective clothing and gloves
Response P308 +P313 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P330: Rinse mouth.
Storage P405 Store locked tip.
Disposal P501 Dispose of contents in container to hazardous or special waste collection point.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Phenobarbital
% By Weight 100
CAS# 50-06-6
Molecular Weight 232.23 g/mole
Chemical Formula C12H12N2O3
Synonym(s) 5-Ethyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Phenobarbital	50-06-6	100	Not available.	ORAL (LD50):Acute: 162mg/kg [Rat].



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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

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

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. (solid.)		
Odor	Characteristic		
Odor Threshold	Not available.		
Melting Point	174	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Decomposes.	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. soluble in alcohol.		
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	Not available.
Incompatible Materials	Carbon monoxide. Nitrogen oxides. Carbon dioxide.
Hazardous Decomposition Products	Carbon monoxide. Nitrogen oxides. Carbon dioxide.

Section 11: Toxicological Information
RTECS CQ6825000

Acute Toxicity

Rat oral LD50 [mg/kg] : 162 Rabbit dermal LD [mg/kg] : No data available. Rat inhalation LC [mg/L/4h] : No data available.

Acute toxicity : Nervous system disorders. Gastrointestinal disorders.

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

May cause sensitization by skin contact.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

: Category 3: Substances which cause concern for man owing to possible carcinogenic effects but in respect of owing to possible carcinogenic effects but in respect of which the available information is not adequate for making a satisfactory assessment.

Reproductive Toxicity

Category 2: Substances which should be regarded as if they cause developmental toxicity to humans.

Routes of Entry

Eye contact. Inhalation. Ingestion.

Symptoms Related to Exposure

Symptoms may include dizziness, headache, nausea and loss of co-ordination. Drowsiness.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

LC50-96 Hour - fish [mg/L] : 484

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.

Disposal of Container

Dispose in a safe manner in accordance with local/national regulations.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Land transport - Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S.(Phenobarbital) -UN No. : 2811 - ADR Class : 6.1 -
ADR packing group : III - Labeling ADR Air transport - Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S.
(Phenobarbital) -UN No. : 2811 - IATA - Class or division : 6.1 - IATA Packing group : III - IATA-Label

Section 15: Regulatory Information**Regulations**

Not available

Other

Not available.

Section 16: Other Information

N/A