



Material Safety Data Sheet

1. Product and Company Identification

Catalog Numbers: 5D9D-0

Product Name

Trade Name: Phenobarbital, USP

Synonyms: -

Manufacturer & Distributor

Company Name: Reagent World, Inc.

Address: 2048 E. Francis Street

City: Ontario

State: California

Postal Code: 91761

Country: USA

Business/Emergency

Phone: 909-947-7779

Fax: 909-947-9595

URL: <http://www.ReagentWorld.com>

2. Hazards Identification

Emergency Overview: Toxic. May cause harm to the unborn child. Toxic if swallowed. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact. Possible Carcinogen (US). Target organ(s): Heart. Liver. Calif.

Potential Health Effects

Eye: -

Skin: -

Ingestion: -

Inhalation: -

Chronic: -

3. Composition/Information on Ingredients

Chemical Name: Phenobarbital, USP

Molecular Formula: C12H12N2O3

Molecular Weight: 232.24

Content: 98.0-101.0%

CAS Number: 50-06-6

EINECS NO. [EC No]: 200-007-0

4. First Aid Measures

Eye: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

General Information: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.

Spills/Leaks: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling: Refer to section 8

Storage: 1.Keep container tightly closed

8. Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves.

Clothing: Wear appropriate protective clothing.

Respirators: Wear NIOSH/MSHA - approved respirator

9. Physical and Chemical Properties

Physical State: Solid

Color: White

Odor: -

Boiling Point: -

Melting Point : 174-178

Vapor Pressure : -

Specific Gravity : -

PH: -

Solubility in Water : -

Flash Point: -

Autoignition Temperature : -

Decomposition Temperature : -

10. Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid:	-
Incompatibilities with Other:	Strong oxidizing agents.
Hazardous Decomposition Products :	Carbon monoxide, Carbon dioxide, Nitrogen oxides.
Polymerization :	Will not occur
11. Toxicological Information	
RTECS#:	CQ6825000
Toxicity Data[LD50/LC50]:	Oral Rat LD50:162 mg/kg
Carcinogenicity:	-
Other:	-
12. Ecological Information	
Ecotoxicity:	Test Type: LC50 Fish Species: Pimephales promelas (Fathead minnow) Time: 96 h Value: 484 mg/l
Other:	-
13. Disposal Considerations	
Disposal considerations:	Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations
14. Transport Information	
Shipping Name:	Toxic solids, organic, n.o.s.
Hazard Class:	6.1
UN Number:	2811
Packing Group:	III
15. Regulatory Information	
European/International Regulations:	-
European Labeling in Accordance with EC Directives	
Hazard Symbols:	1.T
R-Phrases:	1.Toxic if swallowed. 2.Possible risks of irreversible effects. 3.May cause sensitization by skin contact. 4.May cause harm to the unborn child.
S-Phrases:	1.Wear suitable protective clothing. 2.Wear suitable gloves. 3.In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 4.Avoid exposure - obtain special instructions before use.
WGK(Water Danger/Protection):	3
US Federal TSCA:	-
16. Other Information	
Other information:	The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential of exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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