

Hardy Diagnostics

Safety Data Sheet

1. Product And Company Identification

1.1. Product identifiers

Product Name: **Bluemount™**

Other Common Names: None

Catalog Number: Z137

1.2. Recommended use

For the permanent mounting and staining of yeasts and molds.

1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics
 1430 West McCoy Lane
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)

2. Hazards Identification

2.1. Classification of substance or mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

Acute Toxicity, Oral (Category 4), H302

Acute Toxicity, Dermal (Category 3), H312

Acute Toxicity, Inhalation (Category 3), H332

Flammable Liquid (Category 4), H227


Skin Corrosion (Category 1B), H314

Eye Damage (Category 1), H318

Germ Cell Mutagenicity (Category 2), H341

Specific Target Organ Toxicity, Single Exposure (Category 2), H371

2.2. GHS Label elements, including precautionary statements

Pictogram:	
Signal Word:	Danger
Hazard Statements:	
H227	Combustible Liquid.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects
H371	May cause damage to organs.
Precautionary Statements:	
P201	Obtain special instructions before use.

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P260	Do not breathe dusts or mists.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, protective clothing, and eye and face protection.
P301+P312+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical attention.
P310	Immediately call a POISON CENTER for emergency medical advice.
P321	Specific treatment (see additional information on this label).
P330	Rinse mouth.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use dry chemical, Carbon dioxide, water spray, or alcohol-resistant foam to extinguish.
P405	Store locked up.
P501	Dispose of contents or container at an approved waste disposal facility, according to applicable regulations.

2.3. **Hazards not otherwise classified or not covered by GHS**

No data available.

3. Composition/Information on Ingredients

3.1. **Mixtures**

Hazardous components:

Substance:	Concentration:	Hazard Information:
Phenol (CAS# 108-95-2)	20-60%	Acute Toxicity (Oral) 4, Acute Toxicity (Dermal) 3, Acute Toxicity (Inhalation) 3, Skin Corrosion 1B, Eye Damage 1, Flammable Liquid 4, Germ Cell Mutagenicity 2, Specific Target Organ Toxicity (Single Exposure) 2

4. First Aid Measures

4.1. **Description of first aid measures**

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.
Skin Contact:	For severe burns, immediate medical attention is required. Remove contaminated clothing/shoes immediately. Blot from skin to avoid further spread. Rapid decontamination is critical. Immediately wash off with plenty of water, then with polyethylene glycol (PEG) solution and with plenty of water. Apply PEG/EtOH solution liberally to affected area. Leave on for 15-30 seconds, then wash with water. Continue cycle of PEG/EtOH solution – water for at least 15 minutes. (PEG/EtOH solution consists of 2 parts PEG 400 to 1 part ethanol. For external use only.) Wash off with soap and water. Obtain medical attention. Wash contaminated clothing before reuse.
Eye Contact:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting Measures

5.1. Extinguishing media

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation.

5.4. Further information

No data available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment: chemical resistant gloves. Keep unprotected persons away.

Environmental precautions

No data available.

6.2. Methods and materials for containment and cleaning up

Wipe up with a damp sponge or mop.

6.3. Reference to other sections

For disposal, see section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Wear appropriate personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry place in accordance with specified storage conditions.

7.3. Specific end uses

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

8. Exposure Controls/Personal Protection

8.1. Control parameters

No data available.

8.2. Appropriate engineering controls

Safety shower and eye bath.

8.3. Personal protective equipment

Eye/Face:	Safety goggles
Skin:	Chemical resistant gloves
Respiratory:	NIOSH/MSHA-approved respirator
Thermal Hazards:	None for normal use

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Physical State: Liquid Color: Clear, colorless
Odor:	Sweet
Odor Threshold:	Not Determined
pH:	Unknown
Melting/Freezing Point:	Not Determined
Boiling Point:	Not Determined
Flash Point:	79°C
Evaporation Rate:	Not Determined
Flammability:	Not Determined
Explosion Limits:	Not Determined
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
Relative Density:	Not Determined
Water Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not Determined
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity:	Not Determined
Explosive Properties:	Combustible
Oxidizing Properties:	Not Determined

9.2. Other safety information

No data available.

10. Stability and Reactivity

Reactivity	No data available.
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Chemical stability	This product is stable.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Carbon oxides, strong oxidizing agents, strong acids, strong bases.
Hazardous decomposition products	No dangerous decomposition products known.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	Phenol, pure: LD50 Oral – 317mg/kg (Rat); LD50 Dermal – 525mg/kg (Rat) and 630mg/kg (Rabbit); LC50 Inhalation – 316mg/m ³ (Rat) 4H
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Suspected mutagen. Avoid repeated exposure.
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	Liver, Kidneys, Central Nervous System
Specific target organ toxicity – repeated exposure	No data available
Aspiration Hazard	No data available
Additional information	No data available.

12. Ecological Information

Toxicity	See below.
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

<u>Chemical Name</u>	<u>Toxicity to Algae</u>	<u>Toxicity to Fish</u>	<u>Microtox</u>	<u>Daphnia Magna (Water Flea)</u>
Pheno	EC50=150mg/L 96h	LC50=5-12mg/L Oncorhynchus mykiss 96h LC50=23.88mg/L Lepomis macrochirus 96h LC50=24mg/L Pimephales promelas 96h LC50=27.8mg/L Brachydanio rerio 96 h	EC50 21-36mg/L 30min EC50=23.28mg/L 5min EC50=25.61mg/L 15min EC50=28.8mg/L 5min EC50=31.6mg/L 15min	LC50=13mg/L 48h EC50=23mg/L 48h

		LC50 =40mg/L Poecilia reticulata 96h LC50 =8.9mg/L Oncorhynchus mykiss 96h		
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<u>Chemical Name</u>	<u>Log Pow</u>
Phenol	= 1.47

13. **Disposal Considerations**

13.1. **Waste disposal**

Dispose of in accordance with applicable state and federal regulations.

Disposal must be in accordance with regulations 40 CFR 261.

14. **Transport Information**

DOT hazard class	6.1
Shipping name	Phenol Solution
Identification number	2821
Packing group	II

15. **Regulations**

Carcinogenicity	Yes/No
NTP:	No
IARC:	No
OSHA:	No
California Prop 65:	No
IATA:	SAME AS DOT

16. **Other Information**

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

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HARDY DIAGNOSTICS
 1430 West McCoy Lane, Santa Maria, CA 93455, USA
 Phone: (805) 346-2766 ext. 5658
 Fax: (805) 346-2760
 Website: www.HardyDiagnostics.com
 Email: TechService@HardyDiagnostics.com



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