



## Material Safety Data Sheet

**Product : LABSAFE**

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

**Manufacturer :**

**BioShields - A Division of Tulip Diagnostics Pvt. Ltd.**

Plot No. M – 46, Phase III B,

Verna Industrial Estate,

Verna, Goa, 403 722,

INDIA.

**Product name :** LABSAFE

**Synonyms :** Disinfectant Solution for Laboratoryware

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredients at their given percentages in this product are not considered hazardous to your health.

Components	CAS Number	Weight %
Phenol	108-95-2	5.0

### 3. HAZARDS IDENTIFICATION

May be fatal if inhaled, swallowed or absorbed through the skin. Avoid all contact. Use with adequate ventilation.

Wash thoroughly after use. Keep container closed.

### 4. FIRST AID MEASURES

**Eye contact :** In the case of contact with eyes, wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek medical attention.

**Ingestion :** If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention.

**Inhalation :** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Skin contact :** Remove contaminated clothing. Wash exposed area with soap and water. Seek medical attention if required.

### 5. FIRE – FIGHTING MEASURES

**Flash point (°C) :** Not determined.

**Autoignition temperature :** Not determined.

**Flammable limits in air - lower (%) :** Not determined.

**Fire fighting information :**

**Suitable extinguishing media :** Water spray, Carbon dioxide, dry chemical, powder, foam.

**Extinguishing media which must not** : None.

**be used for safety reasons**

**Special protective equipment** : Wear self-contained breathing apparatus and protective clothing to  
**for firefighters** prevent contact with skin and clothing.

**Hazardous combustion products :** Emits toxic fumes under fire conditions



## 6. ACCIDENTAL RELEASE MEASURES

Wear protective clothing and respiratory protection from mists. Cover with soda or lime. Keep in closed container and hold for disposal.

## 7. HANDLING AND STORAGE

Store in a cool, dry place away from fire and flame. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection** : Splash goggles/Safety glasses required.  
**Hand protection** : Solvent resistant gloves as neoprene or nitrile.  
**Skin and body protection** : Wear appropriate clothing to prevent skin and body exposure.  
**Respiratory protection** : Organic Vapour cartridge.  
**Other/general protection** : Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear liquid  
**Physical state** : Liquid  
**Colour** : Dark Pink  
**pH** : 4.5 – 5.5  
**Odor** : Phenolic  
**Water solubility** : Soluble

## 10. STABILITY AND REACTIVITY

- Chemical stability** : Stable under recommended storage conditions.  
**Hazard polymerization** : Hazardous polymerization not known to occur.  
**Hazardous decomposition products** : Oxides of carbon.  
**Materials to avoid** : Strong oxidizing agents, bases, acids.  
**Conditions to avoid** : Heat, open flame and light.

## 11. TOXICOLOGICAL INFORMATION

**Systemic toxicity** can result from ingestion of solutions, or from inhalation or cutaneous absorption of solutions or vapour. This is characterized by an initial excitatory phase, rapidly progressing to fulminating CNS depression with coma.

**Chronic exposure** may result in vomiting, difficulty swallowing, excess salivation, diarrhea, anorexia, weight loss; headache, fainting, vertigo, mental disturbances; muscle aches and pain, weakness; damage to liver and kidney, dark urine.

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity effects** : Not determined.  
**Aquatic toxicity effects** : Prevent the product from reaching surface or underground water.

## 13. DISPOSAL CONSIDERATIONS

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.

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#### 14. TRANSPORT INFORMATION

**DOT** : Phenol Solution, 6.1, UN2821, PG II  
**IATA/ICAO** : Phenol Solution, 6.1, Toxic, UN2821, PGII

#### 15. REGULATORY INFORMATION

**Labeling** : For External Use Only.  
**Safety Phrases** : Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of water and seek medical attention.

#### 16. OTHER INFORMATION

**Additional advice** : None  
**Literary Reference** : None

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**End of Safety Data Sheet**