

**MATERIAL SAFETY DATA SHEET**

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**SECTION I - PRODUCT IDENTIFICATION**

Product Name : Hospal-MI Plus  
General use : Enzyme based detergent used for cleaning of surgical Instruments  
Country of Origin : India  
Manufacturer's Name: PSK Pharma Private Limited  
Manufacturer : 121/22 Mahajenahalli,  
Shimoga Road, Harihar – 577601, Karnataka, India  
Emergency Telephone No.: 91-8192-240317  
Email: [weprotect@pskpharma.com](mailto:weprotect@pskpharma.com)

**SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS**

Synonyms and trade names: Non Ionic detergent , Enzymes  
CAS Number : Not applicable  
Chemical formula : Not Applicable

### **SECTION III - HAZARDS IDENTIFICATION**

Label Precautionary Statements : Caution – may cause irritation to respiratory tract due to inhalation of mist

National Fire Rating System (U.S) :

Health :	0
Flammability	0
Reactivity	0
Special notice	none

### **SECTION IV – FIRST AID MEASURES**

Eye contact : Immediately flush with plenty of cool water, continue flushing for at least ten minutes. Call a physician if required.

Skin Contact : Wash exposed area with water and mild soap. If irritation persists, call a physician.

Inhalation : Remove to fresh air. If breathing becomes difficult, provide oxygen or call a physician.

### **SECTION V – FIRE FIGHTING MEASURES**

Suitable extinguishing media : Use dry chemical, CO<sub>2</sub>, water spray or “alcohol” foam

Specific hazards : Burning may produces irritant fumes.

Unusual hazards : None known

Special protective equipment: As in any fire, wear self – contained breathing apparatus pressure – demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods: water mist may be used to cool closed containers.

Flash point: Not determined

Auto ignition temperature: Not determined

#### **SECTION VI – ACCIDENTIAL RELEASE MEASURE**

- Product is biodegradable. Mop up leaked material with sponge
- Do not use compressed air for disposal.
- In working condition, wear eye protectors and also ensure to avoid skin contact or inhalation.
- In case of working in closed room, ensure sufficient ventilation until all the process is completed.

#### **SECTION VII – HANDLING AND STORAGE**

- Product is heat sensitive. Store in cool place.
- Keep containers tightly closed.

#### **SECTION VIII – EXPOSURE CONTROLS / PERSONAL PRETECTION**

- Chemical safety goggles
- Compatible chemical – resistant gloves.
- Safety shower and eye bath.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly after handling.
- Keep tightly closed.
- Store in a cool dry place.

#### **SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Amber coloured liquid
Solubility	:	Freely miscible in water
Bulk Density	:	1.0-1.2 gm/cc

#### **SECTION X - STABILITY AND REACTIVITY**

Chemical Stability	:	Stable at normal temperature & pressure.
Incompatibility	:	Incompatible with strong oxidizers, formalin & light
Conditions to Avoid	:	Mist generation, Excessive Heat, Strong light.

## **SECTION XI - TOXICOLOGY INFORMATION**

- Eye : May cause eye irritation
- Skin: Not irritant or considered damaging but adverse reactions such as contact dermatitis may occur in some individuals.
- Other: May be harmful inhaled or ingested; long term effects are unknown. To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.
- LD 50 : LD 50 more than 500mg/kg.

## **SECTION XII - ECOLOGICAL INFORMATION**

Data not available.

## **SECTION XIII - DISPOSAL CONSIDERATION**

Observe all local, regional and federal environmental regulations.

## **SECTION XIV - TRANSPORT INFORMATION**

IMDG: Not Restricted  
ICAO/IATA Not Restricted

## **SECTION XV - REGULATORY INFORMATION**

In case of hand contact, wash hands under running water.

## **SECTION XVI - OTHER INFORMATION**

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