

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

Trade Name : SuperSet IWP

Chemical Nature : Aqueous Suspension Concentrate. The designed applications are as a liquid suspension additive for cement concrete systems

Manufacturer's Name : MYK LATICRETE INDIA PVT. LTD.  
 Plot No. 30/C (Sy.No. 83/1), Orbit Building, 17th Floor, Tower 1, Knowledge City, TSIC, Raidurg, Ranga Reddy Dist., Hyderabad - 500 081, Telangana, India. (T.S) Tel: +91-40-6817 3100

## SECTION 2: Hazards identification.

### 2.1 Classification of the Substance or mixture:

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification apply.

#### Hazard summary

Physical hazards : None  
 Health hazards : Specific target organ toxicity on repeated exposure  
 Environmental hazards : None  
 OSHA defined hazards : Not classified

### 2.2 Label elements

Label according to Regulation : The product is classified and labeled according to the CLP-regulation.  
 (EC) No. 1272/2008 as amended

#### Hazard pictograms



GHS08

Signal word : Warning

#### Hazard statements:

H 317 : May cause an allergic skin reaction  
 H 373 : May cause damage to organs through prolonged or repeated exposure

#### Precautionary statements:

P101	:If medical advice is needed, have product container or label at hand.
P102	:Keep out of reach of children.

**Prevention:**

P202	:Do not handle until all safety precautions have been read and understood
P280	:Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P301+P330+P331	:IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	:IF ON SKIN: Wash with plenty of water and soap.
P304+P341	:IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position 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.
P306+P360	:IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P332+P313	:If skin irritation occurs: Get medical advice/attention.

**Storage**

:	
P402	: Store in dry place

**Disposal:**

P 501	: Dispose of waste and residues in accordance with local authority requirements.
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**Supplemental label information**

: Nil

**2.3 Other Hazards**

None in case of intended use.

Results of the PBT and vPvB assessment

**PBT** : Inapplicable.

**vPvB** : Inapplicable

**SECTION 3: Composition/information on ingredients.**

### 3.1 Chemical characterization: Mixtures

#### General Information

Chemical Name:	%	CAS-NO	EC No	Reach Registration No	Notes
D-4-Hydroxyphenylglycin	15-70	22818-40-2	245-247-7	PCM9OIX717	Harmful if inhaled consumed directly

#### List of abbreviations and symbol may be used above

CLP: Regulation No.  
1272/2008. DSD:  
Directive  
67/548/EEC.

**Composition comments:** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all R- and H-phrases is displayed in section 16.

#### **SECTION 4: First aid measures**

**General information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

##### **4.1 Description of first aid measures**

- Inhalation** : Ensure supply of fresh air. Consult doctors on complaints.
- Skin contact** : Change soaked clothes. Wash affected skin with plenty of water and soap. In case of persistent symptoms consult doctor
- Eye contact** : Rinse open eyes for several minutes under running water and consult doctor
- Ingestion** : Rinse out mouth and give plenty of water to drink. Do not induce vomiting: call for medical help immediately.

**4.2 Most important symptoms and effects both acute and delayed** : No additional risks are known, treat symptomatically

**4.3 Indication of any immediate medical attention and special treatment needed** : Treat symptomatically

#### **SECTION 5: Firefighting measures**

##### **General fire hazards**

##### **5.1 Extinguishing media**

**Suitable Extinguishing Media** : Product itself is not combustible. Adapt fire extinguishing measures to surrounding areas of either water fog, Foam, carbon dioxide, dry powder, water spray. Apply extinguisher media carefully to avoid creating airborne dust.

<b>Unsuitable extinguishing media</b>	:High volume water jet
<b>5.2 Special hazards arising from the substance or mixture</b>	:No particular hazards known
<b>5.3 Advice for firefighter's Special protective equipment for firefighters</b>	: Special protective equipment, use self-contained breathing apparatus
<b>Special fire fighting procedures</b>	: None
<b>Further information:</b>	: The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately; do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations

## **SECTION 6: Accidental release measures**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	: Use personal protective equipment; unprotected persons must be kept away, avoid contact with skin and eyes, handle in accordance with good building materials hygiene and practice.
<b>For non-emergency personnel</b>	: Avoid dust formation, avoid contact with eyes and skin and ensure supply of fresh air
<b>For emergency responders</b>	: Keep unnecessary personnel away. Keep upwind. Avoid formation of dust. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.
<b>6.2 Environmental precautions</b>	: Avoid discharge into drains, water courses or onto the ground.
<b>6.3 Methods and material for containment and cleaning up</b>	
<b>For Small Amounts</b>	: Take up with inert absorbent material (e.g. sand, sawdust, universal binder) Dispose of absorbed material in accordance with the regulations.
<b>For Large amounts</b>	: Pump off product, spills should be contained, solidified and placed in suitable containers for disposal.
<b>6.4 Reference to other sections</b>	: Never return spills in original containers for re-use. For information regarding safe handling see section 7. For personal protection, see Section 8 of the SDS. For waste disposal, see Section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** : No special measures necessary if stored and handled as prescribed. Ensure adequate ventilation. Wear respiratory protection when spraying

**7.2 Conditions for safe storage, including any incompatibilities** : Keep container tightly closed. Store in a cool, dry place out of direct sunlight.

**Storage class** : VCI-Storage Class: 8B-Non-flammable corrosive hazardous substances.

**7.3 Specific end use(s)** : No further relevant information available.

## SECTION 8: Exposure controls/personal protection:

### 8.1 Occupational exposure limits

Components	Type	Value	Form
D-4- Hydroxyphenylglycin	TWA	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>	Respirable fraction Total dust

**Biological limit value** : No biological exposure limits noted for the ingredient(s).

**Recommended Monitoring procedures** : Data not available

**Derived no-effect level (DNEL)** : Data not available

**Predicted no effect concentrations (PNECs)** : Data not available

### 8.2 Exposure controls:

**Appropriate engineering controls** : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**General information** : Wear chemical protective equipment that is specifically recommended by the manufacturer. Eye wash fountain is recommended. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** : Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** :Wear chemical-resistant, impervious gloves

**Other** :Wear appropriate chemical resistant clothing

**Respiratory protection** : Wear a dust mask if dust is generated above exposure limits.

<b>Thermal hazards</b>	:Wear appropriate thermal protective clothing, when necessary
<b>Hygiene measures</b>	: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
<b>Environmental exposure controls</b>	: Environmental manager must be informed of all major releases.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

#### **Appearance**

<b>Physical State</b>	: Liquid
<b>Form</b>	: Liquid
<b>Colour</b>	: Brown
<b>Odour</b>	: Characteristic
<b>Odour threshold</b>	: Not measured
<b>pH</b>	: $\geq 5$ (25°C)
<b>Melting point/freezing point</b>	: Not available
<b>Initial boiling point and boiling range</b>	: Not available
<b>Flash point</b>	: Not available or combustible
<b>Evaporation rate</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available

#### **Upper/lower flammability or explosive limits**

<b>Flammability limit - lower (%)</b>	: Not available
<b>Flammability limit - upper (%)</b>	: Not available
<b>Vapour pressure</b>	: Not available
<b>Vapour density</b>	: Not available
<b>Relative density</b>	:1.1-1.4
<b>Solubility (ies)</b>	: Not available
<b>Partition coefficient (n-octanol/water)</b>	: Not available
<b>Auto-ignition temperature</b>	: Not available

<b>Decomposition temperature</b>	: Not available
<b>Viscosity</b>	: Not available
<b>Explosive properties</b>	: Not available
<b>Oxidizing properties</b>	: Not available
<b>Density</b>	: 1.1 g/ml (25°C)

**9.2 Other information** : No relevant information available.

## **SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	: The product is stable and non-reactive under normal conditions of use, storage, and transport
<b>10.2 Chemical stability</b>	: Material is stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	: No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions to avoid</b>	: Contact with incompatible materials. See section-7, Handling and Storage
<b>10.5 Incompatible materials</b>	: Substances to avoid: Strong acids, strong bases, strong oxidizing agents Strong oxidizing agents.
<b>10.6 Hazardous decomposition Products</b>	: No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

<b>Inhalation</b>	: Dust irritates the respiratory system, and may cause coughing and difficulties in breathing.
<b>Skin contact</b>	: Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	: Prolonged contact with wet mixture may cause serious eye damage
<b>Ingestion</b>	: Swallowing may cause gastrointestinal irritation.
<b>Symptoms</b>	: Redness, itching and pain

**11.1 Information on toxicological effects** : None Known

**11.2 Other Information** : The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for mixtures as issued in the latest version Irritating

## **SECTION 12: Ecological information**

<b>12.1 Toxicity</b>	: Not expected to be harmful to aquatic organisms.
<b>12.2 Persistence and degradability</b>	: No data is available on the degradability of this product.
<b>12.3 Bioaccumulative potential</b>	: No data available for this product
<b>Partition coefficient n-octanol/water (log K<sub>ow</sub>)</b>	: No data available for this product
<b>Bioconcentration factor (BCF)</b>	: No data available for this product
<b>12.4 Mobility in soil/Mobility in general</b>	: The product is not mobile in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	: In applicable.
<b>12.6 Other adverse effects</b>	: Adverse effect due to pH shift possible.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

<b>Residual waste</b>	: Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	: Contaminated packaging should be emptied as far as possible, and then it can be passed on for recycling after being thoroughly cleaned. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.
<b>Special precautions</b>	: Dispose in accordance with all applicable regulations.

### **SECTION 14: Transport information**

<b>ADR</b>	: Not regulated as dangerous good
<b>RID</b>	: Not regulated as dangerous good
<b>ADN</b>	: Not regulated as dangerous good
<b>IATA</b>	: Not regulated as dangerous good
<b>IMDG</b>	: Not regulated as dangerous good

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.



## **SECTION 16: Other information**

Recommended use: :Additive for Concrete & Mortar liquid suspensions in Water.  
Any other intended applications should be discussed with the manufacturer.

Training information: Follow training instructions when handling this material.

**List of abbreviations**

**DNEL:** Derived No-Effect Level.  
**PNEC:** Predicted No-Effect Concentration.  
**PBT:** Persistent, bioaccumulative and toxic.  
**vPvB:** Very Persistent and very Bioaccumulative.  
**CAS:** Chemical abstract Services (division of the American Chemical Society)  
**IMDG:** international Maritime code for Dangerous Goods.  
**IATA:** International Air Transport Association.

**Training information** Follow training instructions when handling this material.

### **Disclaimer**

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