

# SAFETY DATA SHEET

## MYK LATICRETE SUPERSET

Reviewed & Approved By: VP-

R&D

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### SECTION-1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

#### Product Identifier:

Trade Name : SuperSet  
Chemical Name : Aqueous Suspension Concentrate

#### Relevant identified uses of the substance or mixture and uses advised against:

Relevant applications identified : Additive for Cement-based and other inorganic solid suspensions in Water  
Application which are not advised: Not known

#### Details of the supplier of the safety data sheet:

Company : MYK LATICRETE PVT. LTD.,  
8-2-703/A, 4<sup>th</sup> Floor, Leela Gopala Towers,  
Road No: 12, Banjara Hills, Hyderabad,  
Telangana, INDIA-500 034.  
Telephone : +91-40-30413100  
Telefax : +91-40-23378784  
Website : [www.myklaticrete.com](http://www.myklaticrete.com)  
E-mail : [contact@myklaticrete.com](mailto:contact@myklaticrete.com)

#### Emergency telephone number:

Telephone : +91-40-30413100  
E-mail : [cc@myklaticrete.com](mailto:cc@myklaticrete.com)

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### SECTION-2: HAZARDS IDENTIFICATION:

No particular hazards known.

May be harmful if inhaled, may cause respiratory irritation.  
May be harmful if on skin, may cause Skin irritation/allergic skin reaction.  
May be harmful if in eyes, may cause eye irritation.  
May be harmful if swallowed.

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No additional hazards are known

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### SECTION-3: COMPOSITION/INFORMATION ON INGREDIENTS:

No hazardous ingredients

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### SECTION-4: FIRST-AID MEASURES:

#### Description of first aid measures:

|                |   |   |
|----------------|---|---|
| General Advise | : | Remove/Take off immediately all contaminated clothing   |
| Inhalation     | : | Ensure supply of fresh air<br>In the vent of symptoms seek medical advice   |
| Skin contact   | : | In the case of contact with skin wash off with soap and water<br>In the vent of symptoms seek medical advice  |
| Eye contact    | : | In the case of contact with eyes rinse thoroughly with water<br>In the vent of symptoms seek medical advice   |
| Ingestion      | : | Thoroughly clean the mouth with water<br>In the vent of symptoms seek medical advice. Do not induce vomiting unless told by a poison control center or doctor |

#### Most important symptoms and effect, both acute and delayed:

Symptoms : No additional risks are known, Treat symptomatically

#### Indication of any immediate medical attention and special treatment needed:

Symptoms : Treat symptomatically

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### SECTION-5: FIRE-FIGHTING MEASURES:

#### Extinguishing media:

Suitable extinguishing media : Foam, carbon dioxide, dry powder, water spray  
Unsuitable extinguishing media : High volume water jet

**Specific hazards arising from the substance or mixture:** No particular hazards known

**Advice for fire-fighters:** Special protective equipment, use self-contained breathing apparatus

#### Further information:

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.

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### SECTION-6: ACCIDENTAL RELEASE MEASURES:

#### Further accidental release measures

High risk of slipping due to leakage/spillage of product

#### Personal precautions, protective equipment and emergency procedures:

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.

#### Environmental precautions:

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil

#### Methods and material for containment and cleaning up:

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**For small amounts:** Take up with inert absorbent material (e.g. sand, sawdust, universal binder, kieselghur) Dispose of absorbed material in accordance with the regulations.

**For large amounts:** Pump off product, spills should be contained, solidified and placed in suitable containers for disposal.

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### SECTION-7: HANDLING AND STORAGE:

#### Precautions for safe handling:

No special measures necessary if stored and handled as prescribed. Ensure adequate ventilation. Wear respiratory protection when spraying.

#### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when working. Wash hands before breaks and after work.

**General protective measures:** Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities prevention of fire and explosion:**

**Advice on protection against fire and explosion :** No special measures required

#### Storage:

**Conditions for safe storage :** Keep only in original container

**Technical measures/Precautions :**

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care. Keep away from direct Sunlight. Stir before use!

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### SECTION-8: EXPOSURE CONTROL/PERSONAL PROTECTION:

**Components with workplace control parameters:**

**Personal protective equipment:**

Respiratory protection : In case of inadequate ventilation, wear respiratory protection

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### Hand protection:

Break through time : 480 min.  
Glove thickness : 0.7mm  
Remarks : Long-term impervious butyl rubber gloves

Break through time : 30 min.  
Glove thickness : 0.4mm  
Remarks : For short-term exposure (splash protection) Nitrile rubber gloves

Remarks : These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

### Eye protection :

Depending on the risk, wear sufficient eye protection (safety glasses with side protection or goggles, and if necessary face shield)

### Skin and body protection :

Depending on the degree of hazard, when handling corrosive substances, aprons, boots or full protective clothing made of suitable materials (e.g. rubberized or PVC-coated) must also be worn.

Protective measures : Do not breathe vapours, aerosols. Do not breathe mist. Avoid contact with skin and eyes.  
Avoid exposure-obtain special instructions before use.

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## SECTION-9: PHYSICAL AND CHEMICAL PROPERTIES:

### Information on basic physical and chemical properties:

Physical state : Liquid  
Form : Liquid  
Colour : White  
Odour : Characteristic  
Odour Threshold : Not measured  
pH :  $\geq 7$  (25°C)

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|   |  |
|---|--|
|   | R&D  |
| Melting point                           | : Not measured                                 |
| Boiling point                           | : Not measured                                 |
| Flash point                             | : Not measured                                 |
| Evaporation rate                        | : Not measured                                 |
| Flammability                            | : No data available                            |
| Upper Explosion/Ignition Limit          | : Not measured                                 |
| Lower explosion limit                   | : Not measured                                 |
| Vapour pressure                         | : Not measured                                 |
| Relative vapour density                 | : Not measured                                 |
| Relative density                        | : No data available                            |
| Solubility(ies)                         | : Not measured                                 |
| Water solubility                        | : Soluble                                      |
| Partition coefficient: n- octanol/water | : Not measured                                 |
| Autoignition temperature                | : Not measured                                 |
| Thermal decomposition                   | : Not measured                                 |
| Viscosity, kinematic                    | : No data available                            |
| Viscosity, dynamic                      | : 6000-7000cP (at 25°C, Brookfield Viscometer) |
| Explosive properties                    | : Not measured                                 |
| Oxidising properties                    | : Not oxidizing                                |
| Specific gravity                        | : 1.1 g/ml (25°C)                              |

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### SECTION-10: STABILITY AND REACTIVITY:

|                     |   |  |
|---------------------|---|--|
| Reactivity          | : | No hazardous reactions if stored and handles as prescribed/indicated |
| Corrosion to metals | : | Corrosive effects to metal are not anticipated                       |

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|                                    |   |   |
|------------------------------------|---|---|
| Chemical stability                 | : | R&D<br>This product is stable if stored and handled as prescribed/indicated                       |
| Possibility of hazardous reactions | : | This product is stable if stored and handled as prescribed/indicated                              |
| Conditions to avoid                | : | see section-7, Handling and Storage   |
| Incompatible materials             | : | Substances to avoid: Strong acids, strong bases, strong oxidizing agents, Strong reducing agents. |
| Hazardous decomposition products:  | : | No hazardous decomposition products if stored and handles as Prescribed/indicated.                |

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### SECTION-11: TOXICOLOGICAL INFORMATION:

#### Information on toxicological effects:

|  |   |                   |
|--|---|-------------------|
| Acute toxicity (oral)                            | : | No data available |
| Acute toxicity (inhalation)                      | : | No data available |
| Acute toxicity (dermal)                          | : | No data available |
| Irritation/corrosion of the skin                 | : | No data available |
| Serious eye damage/ eye irritation               | : | No data available |
| Respiratory/skin sensitization                   | : | No data available |
| Repeated dose toxicity                           | : | No data available |
| Carcinogenicity                                  | : | No data available |
| Mutagenicity                                     | : | No data available |
| Teratogenicity                                   | : | No data available |
| Toxicity to reproduction                         | : | No data available |
| Specific Target Organ Toxicity - Single exposure | : | No data available |

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Specific Target Organ Toxicity - Repeated exposure

No data available

### Other information:

No adverse health effects are expected if handles as prescribed/indicated.

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## SECTION-12: ECOLOGICAL INFORMATION:

### Toxicity:

|  |   |                   |
|--|---|-------------------|
| Aquatic toxicity, fish                       | : | No data available |
| Aquatic toxicity, invertebrates              | : | No data available |
| Aquatic toxicity, algae / aquatic plants     | : | No data available |
| Toxicity in microorganisms                   | : | No data available |
| Chronic toxicity in fish                     | : | No data available |
| Chronic toxicity in aquatic Invertebrates    | : | No data available |
| Toxicity in organisms which live in the soil | : | No data available |
| Toxicity in terrestrial plants               | : | No data available |
| Toxicity to Above-Ground Organisms           | : | No data available |

### Persistence and degradability:

|   |   |                   |
|---|---|-------------------|
| Photodegradation                              | : | No data available |
| Physico-chemical removability                 | : | No data available |
| Biochemical Oxygen Demand (BOD)               | : | No data available |
| Chemical Oxygen Demand (COD)                  | : | No data available |
| Relation of BOD/COD                           | : | No data available |
| Dissolved organic carbon (DOC)                | : | No data available |
| Adsorbed organic bound halogens (AOX)         | : | No data available |
| Distribution among environmental compartments | : | No data available |

### Bioaccumulative potential

|                 |   |                   |
|-----------------|---|-------------------|
| Bioaccumulation | : | No data available |
|-----------------|---|-------------------|

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### Mobility in soil:

Environmental distribution : No data available

### Results of PBT and vPvB assessment:

PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB)

**Other adverse effects** : Do not release untreated into natural waters.

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## SECTION-13: DISPOSAL CONSIDERATIONS:

### Waste treatment methods:

#### Product:

In accordance with local authority regulations, take to special waste incineration plant. Do not discharge into drains/surface water/groundwater. Observe national and local legal requirements.

#### Contaminated Packaging:

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.

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## SECTION-14: TRANSPORT INFORMATION:

Land transport (TDG) : Not classified as a dangerous good under transport regulations

Sea transport (IMDG) : Not classified as a dangerous good under transport regulations

Air transport (IATA/ICAO) : Not classified as a dangerous good under transport regulations

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## SECTION-15: REGULATORY INFORMATION:

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

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

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## SECTION-16: OTHER INFORMATION:

**Recommended use:** Additive for Cement-based and other inorganic solid suspensions in Water. Any other intended applications should be discussed with the manufacturer.

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

### Legend

|             |   |   |
|-------------|---|---|
| <b>PBT</b>  | : | Persistent, bioaccumulative, toxic        |
| <b>vPvB</b> | : | Very persistent, very bioaccumulative     |
| <b>VOC</b>  | : | Volatile organic compounds                |
| <b>TDG</b>  | : | Transportation of Dangerous Goods         |
| <b>IATA</b> | : | International Air Transport Association   |
| <b>ICAO</b> | : | International Civil Aviation Organization |
| <b>IMDG</b> | : | International Maritime Dangerous Goods    |

### Disclaimer:

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END OF SAFETY DATA SHEET.

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