



# SAFETY DATA SHEET

Printing Date:20.07.2021

Revision Date:20.07.2021

## SECTION I. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** DR. FIXIT POWDER WATER PROOF

**Product description** Hydrated Lime mixture

**Product use** As a waterproofing agent in construction industry

**Manufacturer/supplier** Pidilite Industries Ltd., Ramkrishna Mandir Road, Kondivita, Off: M. VasANJI Road, P.O. Box 17411, Andheri (East), Mumbai – 400059  
Email: [pilmsds@pidilite.co.in](mailto:pilmsds@pidilite.co.in)

Telephone: +91-22-2835 7000 Fax: +91-22-2821 6007

## SECTION II- IDENTIFICATION OF HAZARDS

### Classification of substance or mixture according to GHS:

Skin Irritation Category 2  
Eye Damage Category 1  
STOT SE Category 3



**Labeling:**

**Signal Word:** Danger

### **Hazard statements**

H315 Causes skin irritation  
H318 Causes serious eye damage  
H335 May cause respiratory irritation

### **Precautionary statements**

P260 Do not breathe dust.  
P280 Wear eye protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P313 Get medical advice/ attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P337+P313 IF eye irritation persists: Get medical advice/attention.  
P342+P311 IF experiencing respiratory symptoms: Call a POISON CENTER/doctor immediately  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container according to local, national or international regulations.

(Contd. on page 2)



# SAFETY DATA SHEET

Printing Date:20.07.2021

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(Contd. of page 1)

## SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

**Chemical Identity:** Mixture

**Components:**

Component	CAS No	%
Calcium Hydroxide	1305-62-0	75
Fillers	Not available	25

## SECTION IV- FIRST AID MEASURES

- Skin contact:** Flush skin with soap & water while removing contaminated cloths. Seek medical help if required. Wash contaminated cloths before reuse.
- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Consult Physician if irritation persists.
- Inhalation:** Move the subject to fresh air. If not breathing, give artificial respiration. If respiration is difficult, give Oxygen and seek help from Physician.
- Ingestion:** Immediately give two glasses of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.
- Note to physician:** There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.

## SECTION V - FIRE-FIGHTING MEASURES

- Fire extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- Special fire fighting procedure:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
- Unusual fire and explosion hazards:** May generate toxic or irritating combustion products.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. See sections VII & VIII for personal protective equipment & handling.
- Environment precautions:** Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.
- Cleaning methods:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Wash floor with water after collecting the material. Dispose off in accordance with the local regulations.

(Contd. on page 3)



# SAFETY DATA SHEET

Printing Date:20.07.2021

Revision Date:20.07.2021

(Contd. of page 2)

## SECTION VII- HANDLING AND STORAGE

- Precautions for Safe handling:** If handle with care there is no need of any precautions. Avoid prolonged or repeated breathing of vapors and contact with skin.
- Storage:** Keep container tightly closed in a dry and well-ventilated place. Air and moisture sensitive. Keep in a dry place. Keep container close when not in use.

## SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

- Engineering measures:** Use only in area provided with appropriate exhaust ventilation.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice
- Protective measures:** Eye wash facility and emergency shower

### Control Parameters:

#### Ingredients with exposure limits:

##### Calcium hydroxide (1305-62-0)

TWA: 5 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values (TLV)

TWA: 5 mg/m<sup>3</sup> USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

The TWA PEL of 5 mg/m<sup>3</sup> is not in effect as a result of reconsideration. Calcium hydroxide is covered by the exposure limits for particulates not otherwise regulated of 5 mg/m<sup>3</sup> respirable dust and 15 mg/m<sup>3</sup> total dust.

TWA: 15 mg/m<sup>3</sup> USA. Occupational Exposure Limits (OSHA) - Table Z-1(Limits for Air Contaminants

TWA: 5 mg/m<sup>3</sup> USA. Occupational Exposure Limits (OSHA) - Table Z-1 (Limits for Air Contaminants

TWA: 5 mg/m<sup>3</sup> USA. NIOSH Recommended Exposure Limits

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

#### Personal protective equipment

- Eye protection:** Use Face shield & chemical splash proof safety goggles or equivalent.
- Hand protection:** Impervious (rubber, neoprene, PVC, etc.) hand gloves, aprons
- Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure
- Respiration protection:** Maintain good ventilation in the area. Suggested MSHA/NIOSH approved respirator where vapors concentrations is more.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice
- Protective measures:** Eye wash facility and emergency shower
- Engineering measures:** Use only in area provided with appropriate exhaust ventilation

(Contd. on page 4)



# SAFETY DATA SHEET

Printing Date:20.07.2021

Revision Date:20.07.2021

(Contd. of page 3)

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Powder

**Color:** Off White

**Odour:** Characteristic smell of Lime

**pH:** >9 (when mixed with water)

**Boiling point/Boiling range °C:** Not required

**Viscosity (POISE):** Not required

**Danger of explosion:** Product does not present an explosion hazard.

**Bulk Density (tapped):** 0.9 – 1.0 gm/cc

**Solubility in water:** Not advisable

## SECTION X - STABILITY AND REACTIVITY DATA

**Chemical stability:**

Stable under normal conditions of use.

**Thermal decomposition:**

May yield acrid smoke and irritating gases with oxides of carbon

**Possibility of hazardous reaction:**

Exothermic reaction with Hydrogen sulphide, phosphorus, Organic nitro compounds, acids

**Hazardous Polymerization:**

Hazardous polymerization does not occur

**Conditions to avoid:**

Moisture

## SECTION XI - TOXICOLOGICAL INFORMATION

**Acute toxicity:**

LD 50 oral – rat: 7340 mg/kg

**Primary irritant effect:**

**On the skin:** In case of perspiration/moisture corrosive.

**On the eye:** Causes serious eye damage, Risk of corneal clouding. Risk of blindness!

**Inhalation:** Potential sensitizer, irritant to respiratory tract.

**Ingestion:** May cause headache, drowsiness

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects.

(Contd. on page 5)



# SAFETY DATA SHEET

Printing Date:20.07.2021

Revision Date:20.07.2021

(Contd. of page 4)

## SECTION XII - ECOLOGICAL INFORMATION

**Toxicity to fish:** LC50- *Clarias gariepinus* – 33.884 mg/l – 96 h

**Persistence and degradability:** No further relevant information available.

**Behaviour in environmental systems:**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Results of PBT and vPvB assessment:** No information is available

**Other adverse effects** No further relevant information available.

## SECTION XIII - DISPOSAL INFORMATION

**Waste from Residues / Unused Products:** Dispose of in accordance with local regulations

**Contaminated Packaging** Empty containers should be taken to local recyclers for disposal

## SECTION XIV - TRANSPORTATION INFORMATION

**DOT :** Not Regulated

**IATA :** Not regulated

**IMDG :** Not regulated

**Marine Pollutant (y/n):** This material is alkaline and if released into water or moist soil will cause an increase in pH.

**Special precautions for user:** None

## SECTION XV - REGULATORY INFORMATION

### Hazard statements

H315 Causes skin irritation

H318 Causes serious eye damage

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### Precautionary statements

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P313 Get medical advice/ attention.

(Contd. on page 6)



# SAFETY DATA SHEET

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(Contd. of page 5)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P337+P313 IF eye irritation persists: Get medical advice/attention.

P342+P311 IF experiencing respiratory symptoms: Call a POISON CENTER/doctor immediately

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container according to local, national or international regulations

**Chemical Inventories:** The chemical Substances used in the product are listed on following chemical inventories:

Australia (AICS), Canada (DSL), China (IECSC-SEPA), Japan (ENCS), Korea (KECI), Philippines (PICCS), USA (TSCA), Europe (EINECS)

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION XVI - MISCELLANEOUS INFORMATION

**DISCLAIMER:** The data presented here is based on information we believe to be reliable but unknown risks may be present. We disclaim liability for damage or injury which results from the use of the above data and nothing contained therein shall constitute a guarantee or a warranty (including warranty of Merchantability or fitness for a particular purpose) or representation (including freedom from Patentability) by us with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose as known to us. The final determination of the suitability of information, the manner of use of information or product and potential infringement of patents is the sole responsibility of the user.

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**ABBREVIATIONS USED: NA - NOT APPLICABLE, NH - NON HAZARDOUS,  
CI - CONTENT INSIGNIFICANT.**

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