1 Identification of the substances/ mixture and of the company/ undertaking

1.1 Product Identifiers
Product Number   RM3418
Product Name     Drierite™ indicating type 10-20 mesh
CAS No.          7778-18-9
EC No.           231-900-3

1.2 Relevant identified uses of the substance or mixture and uses advised against
1.2.1 Relevant identified uses    Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet
Produced by    HiMedia Laboratories Private Limited
Address        23, Vadhani Industrial Estate, LBS Marg, Ghatkopar (W), Mumbai - 400 086 India
Tel. No.        +91-22-2500 0970, +91-22-2500 1607 Fax No. : +91-22-25002468
Mail Id        info@himedialabs.com Website : www.himedialabs.com

1.4 Emergency Tel. No.    Please contact the regional HiMedia representation in your country

2 Hazards Identification

2.1 Classification of the substance or mixture
CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Sensitisation, Skin, (Category 1), H317
Serious eye damage or eye irritation, (Category 2A), H319
Sensitisation, respiratory, (Category 1), H334
Germ cell mutagenicity, (Category 2), H341
Carcinogenicity, (Category 1B), H350i
Reproductive toxicity, (Category 1B), H360F
Hazardous to the aquatic environment, long term hazard, (Category 3), H412

2.2 Label elements
Labeling according to Regulation (EC) No.1272/2008

Pictogram
Signal word    Danger
Hazard Statement(s)
H317           May cause an allergic skin reaction
H319           Causes serious eye irritation
H334           May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341           Suspected of causing genetic defects
H350i  May cause cancer by inhalation
H360F  May damage fertility
H412   Harmful to aquatic life with long lasting effects

Precautionary Statement(s)
P201   Obtain special instructions before use.
P261   Avoid breathing dust/fume/gas/mist/vapours/spray.
P280   Wear protective gloves/protective clothing/eye protection/face protection.
P284   Wear respiratory protection.
P304 + P340 IF INHALED: Remove person to fresh air and Keep comfortable for breathing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.

2.3 Other Hazards
none

3 Composition/Information On Ingredients

3.1 Substances
Molecular Formula : CaSO₄
Molecular Weight : 136.14
CAS No. : 7778-18-9
EC No. : 231-900-3

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drierite™ indicating type 10-20 mesh</td>
<td>As Per EC Regulation 1272/2008</td>
<td>100%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>7778-18-9</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>231-900-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skin Sens. 1; Eye Irrit. 2A; Resp. Sens. 1; Muta. 2; Carc. 1A, 1B; Repr.Tox. 1A, 1B; Aquatic Chronic 3 H317; H319; H334; H341; H350i; H360F; H412</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements and classification mentioned in this Section, see Section 16

4 First Aid Measures

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash with plenty of soap and water. Consult a physician.

In case of eye contact
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed
No data available

5 Fire Fighting Measures
5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media
No data available.

5.2 Special hazards arising from the substance or mixture
Sulphur oxides, Hydrogen chloride gas, Cobalt/cobalt oxides, Calcium oxide

5.3 Precautions for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary

5.4 Further information
No data available

6 Accidental Release Measures
6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see Section 13.

7 Handling and Storage
7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Recommended Storage Temperature**: Below 30°C

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### 8 Exposure Controls/Personal Protection

#### 8.1 Control parameters

Components with workplace control parameters

#### 8.2 Exposure controls

*Appropriate engineering controls*

Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

*Personal protective equipment*

*Hygiene measure*

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

*Eye/face protection*

Faceshield and safety goggles.

*Skin protection*

Handle with gloves.

*Body protection*

Complete suit protecting against chemicals.

*Respiratory protection*

Air-purifying respirators.

*Environment exposure controls*

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 9 Physical and chemical properties

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue granules or chunks</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
9.2 Other safety information
No data available

10 Stability and Reactivity
10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Incompatible material

10.6 Hazardous decomposition products
Other decomposition products - refer section 5.2.
In the event of fire - refer section 5.

11 Toxicological Information
11.1 Information on toxicological effects
Acute toxicity
No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitisation
No data available
Germ cell mutagenicity
No data available
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity
No data available
Specific target organ toxicity- single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available
**Aspiration hazard**
No data available

**Additional Information**
RTECS : WS6920000

<table>
<thead>
<tr>
<th>12</th>
<th>Ecological Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1</td>
<td>Toxicity</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

| 12.2| Persistence and degradability |
|     | No data available           |

| 12.3| Bioaccumulative potential |
|     | No data available          |

| 12.4| Mobility in soil          |
|     | No data available         |

| 12.5| PBT and vPvB assessment  |
|     | PBT and vPvB assessment not available Chemical safety assessment is not required |

| 12.6| Other adverse effects     |
|     | Discharge into the environment must be avoided. |

<table>
<thead>
<tr>
<th>13</th>
<th>Disposal Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1</td>
<td>Waste treatments methods</td>
</tr>
<tr>
<td></td>
<td>Product</td>
</tr>
<tr>
<td></td>
<td>Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustive solvent and burn in chemical incinerator equipped with an afterburner and scrubber.</td>
</tr>
</tbody>
</table>

| 13.2| Contaminated packaging   |
|     | Dispose of as unused product. |

<table>
<thead>
<tr>
<th>14</th>
<th>Transport Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td>UN-No</td>
</tr>
<tr>
<td></td>
<td>ADNR : 3077 ADR : 3077 IATA_C : 3077 IATA_P : 3077 IMDG : 3077 RID : 3077</td>
</tr>
</tbody>
</table>

| 14.2| UN proper shipping name |
|     | ADNR : Environmentally hazardous substance, solid, n.o.s |
|     | ADR : Environmentally hazardous substance, solid, n.o.s |
|     | IATA_C : Environmentally hazardous substance, solid, n.o.s |
|     | IATA_P : Environmentally hazardous substance, solid, n.o.s |
|     | IMDG : Environmentally hazardous substance, solid, n.o.s |
RID : Environmentally hazardous substance, solid, n.o.s

14.3 Transport hazard class(es)
ADNR : 9 ADR : 9 IATA_C : 9 IATA_P : 9 IMDG : 9 RID : 9

14.4 Packaging group

14.5 Environmental hazards
ADNR : Yes ADR : Yes IMDG : Marine Pollutant : No IATA_C : Yes IATA_P : Yes RID : Yes

14.6 Special precautions for use
No data available

15 Regulatory Information
This safety datasheet complies with the requirements of Regulation(EC) No. 1907/2006.

15.1 Safety health and environment regulations/legislation specific for the substance or mixture
No data available

15.2 Chemical Safety Assessment
No data available

16 Other information
Text of H-Statements and EUH-Phrases mentioned in section 3

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341 Suspected of causing genetic defects
H350i May cause cancer by inhalation
H360F May damage fertility
H412 Harmful to aquatic life with long lasting effects

Skin Sens. 1 Sensitisation, Skin, Category 1
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A
Resp. Sens. 1 Sensitisation, respiratory, Category 1
Muta. 2 Germ cell mutagenicity, Category 2
Carc. 1A, 1B Carcinogenicity, Category 1A, 1B
Repr.Tox. 1A, 1B Reproductive toxicity, Category 1A, 1B
Aquatic Chronic 3 Hazardous to the aquatic environment, long term hazard, Category 3

Further Information

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