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

1.1 Product Identifiers
Product Number: G082
Product Name: DOB Growth Medium
Reach Registration Number: Reach registration number is not available for this mixture. The annual tonnage does not require a REACH registration or it is envisaged for a later registration deadline.

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: mb@himedialabs.com
Website: www.himedialabs.com

1.4 Emergency Tel. No.
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]
Skin corrosion or irritation, (Category 2), H315
Serious eye damage or eye irritation, (Category 2A), H319

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

Pictogram
Signal word: Warning
Hazard Statement(s)
H315 Causes skin irritation
H319 Causes serious eye irritation
Precautionary Statement(s)
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash hands or body parts in contact thoroughly after handling.
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.

2.3 Other Hazards
None

3 Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric acid, For Molecular Biology</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.01 - &lt;=0.05%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>Acute Tox. oral. 5; Repr. 1B  H303; H360</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Formula :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Weight :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium chloride dihydrate, For Molecular Biology</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.01 - &lt;=0.05%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>Eye Irrit. 2A  H319</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Formula :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Weight :</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 off with soap and plenty of 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
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
Treat symptomatically.
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
   Nature of decomposition products unknown
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
   Use personnel protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate
   ventilation. For personal protection see section 8.
6.2  Environmental precautions
   No special environmental precautions required.
6.3  Methods and materials for containment and cleaning up
   Soak up with inert adsorbent material and dispose of as hazardous waste. 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 vapour or mist. 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. Storage class
   (TRGS 510): Non Combustible Liquids
   Recommended Storage Temperature : On receipt store between 10-30°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
   Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after
   handling the products.
   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**
Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection**
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environment exposure controls**
Do not let product enter drains.

### 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>Light yellow coloured homogeneous free flowing powder</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>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>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</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
   No data available
10.5 Incompatible materials
   No data available
10.6 Hazardous decomposition products
   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

   Aspiration hazard
   No data available

12 Ecological Information
12.1 Toxicity
   No data available
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
No data available

12.6  Other adverse effects
No data available

13  Disposal Considerations
13.1  Waste treatments methods
Product
Offer surplus and non-recyclable solutions to a licenced disposal company.

13.2  Contaminated packaging
Dispose of as unused product.

14  Transport Information
14.1  UN-No
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

14.2  UN proper shipping name
ADNR : Not dangerous goods
ADR : Not dangerous goods
IATA_C : Not dangerous goods
IATA_P : Not dangerous goods
IMDG : Not dangerous goods
RID : Not dangerous goods

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

14.4  Packaging group
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

14.5  Environmental hazards
ADNR : No ADR : No IMDG : Marine pollutant : no IATA_C : No IATA_P : No RID : No

14.6  Special precautions for use
No data available

15  Regulatory Information
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
H303 May be harmful if swallowed
H319 Causes serious eye irritation
H360 May damage fertility or the unborn child
Acute Tox. oral. 5 Acute toxicity, oral, Category 5
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A
Repr. 1B Reproductive toxicity, Category 1B

Further Information

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