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

1.1 Product Identifiers
Product Number: G079
Product Name: SDA Growth Medium w/o LEU-TRP-URA
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 thoroughly after handling. Wash skin thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses...
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>
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<tr>
<th>Component</th>
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<td>As Per EC Regulation 1272/2008 Acute Tox.oral. 3 H301</td>
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| **L-Arginine monohydrochloride** | | |
|CAS No. : | 1119-34-2 | >= - |
| EC No. : | 214-275-1 | |
| Molecular Formula : | C₆H₁₄N₄O₂.HCl | |
| Molecular Weight : | 210.66 | |

| **L-Aspartic acid** | | |
|CAS No. : | 56-84-8 | >= - |
| EC No. : | 200-291-6 | |
| Molecular Formula : | C₄H₇NO₄ | |
| Molecular Weight : | 133.10 | |

| **L-Histidine monohydrochloride monohydrate** | | |
|CAS No. : | 5934-29-2 | >= - |
| EC No. : | 211-438-9 | |
| Molecular Formula : | C₆H₉N₃O₂.HCl.H₂O | |
| Molecular Weight : | 209.63 | |

<p>| <strong>L-Isoleucine, Plant Culture Tested</strong> | | |
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| Molecular Formula : | C₆H₁₃NO₂ | |</p>
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<td>Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3</td>
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</table>
**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.

---

**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

---

**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: 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.
9  Physical and chemical properties
9.1  Information on basic physical and chemical properties  
Appearance  Off-white to yellow coloured homogeneous free flowing powder  
Odour  No data available  
Odour Threshold  No data available  
pH  No data available  
Melting/freezing point  No data available  
Initial boiling point and boiling range  No data available  
Flash point  No data available  
Evaporation rate  No data available  
Flammability (Solid, gas)  No data available  
Vapour pressure  No data available  
Relative density  No data available  
Water Solubility  No data available  
Autoignition Temperature  No data available  
Decomposition Temperature  No data available  
Explosive properties  No data available  
Oxidizing properties  No data available  

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  
10.6  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
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.

**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**  

H301 Toxic if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
Acute Tox.oral. 3 Acute toxicity, oral, Category 3  
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A  
Skin Irrit. 2 Skin corrosion or irritation, Category 2  
STOT SE 3 Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3  

**Further Information**  

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