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

1.1 Product Identifiers
Product Number  FD055
Product Name    Lactic Supplement
REACH Registration Number This product is a mixture. Reach registration number is not available for this mixture.

1.2 Relevant identified uses of the substance or mixture and uses advised against
1.2.1 Relevant identified uses Laboratory Chemicals, Analytical Purpose, Biochemical Analysis

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.
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)
Acute toxicity, Oral, (Category 1), H300
Serious eye damage or eye irritation, (Category 2A), H319
Germ cell mutagenicity, (Category 2), H341
Reproductive toxicity, (Category 1B), H360D
Hazardous to the aquatic environment, long term hazard, (Category 2), H411
Skin corrosion or irritation, (Category 2), H315

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

Pictogram
Signal word Danger
Hazard Statement(s)
H300 Fatal if swallowed
H319 Causes serious eye irritation
H341 Suspected of causing genetic defects
H360D May damage the unborn child

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Safety data sheet (SDS)
Revision: 00000
Date of Revision: 26/07/2017

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H411  Toxic to aquatic life with long lasting effects
H315  Causes skin irritation

Precautionary Statement(s)
P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P201  Obtain special instructions before use.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P273  Avoid release to the environment.
P301 + 310  IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P330  Rinse mouth.
P308 + P313  IF exposed or concerned: Get medical advice/attention.
P333 + P313  IF SKIN irritation or rash occurs: Get medical advice/attention.
P305  IF IN EYES:
P313  Get medical advice/attention.

2.3  Other Hazards
None

3  Composition/Information On Ingredients

3.2  Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actidione (Cycloheximide)</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=30 - &lt;=40%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>66-81-9</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>200-636-0</td>
<td></td>
</tr>
<tr>
<td>Index-No :</td>
<td>613-140-00-8</td>
<td></td>
</tr>
<tr>
<td>2-phenyl ethanol</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=10 - &lt;=20%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>60-12-8</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>200-456-2</td>
<td></td>
</tr>
</tbody>
</table>

Refer Section 16 for complete statement of H codes and its classification

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**  
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

No data available.

### 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

Nature of decomposition products not known.

#### 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.

#### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. 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. Normal measures for preventive fire protection.

#### 7.2 Conditions for safe storage, including any incompatibilities

No data available.
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Recommended Storage Temperature**: On receipt store between 2-8°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 empty into drains.

### 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>Clear colourless liquid</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>
</tbody>
</table>
Flammability (Solid, gas)  No data available
Vapour pressure  No data available
Relative density  No data available
Water Solubility  No data available
Partition coefficient: n-octanol/water  No data available
Autoignition Temperature  No data available
Viscosity  No data available
Explosive properties  No data available
Oxidizing properties  No data available
Vapour density  No data available
Thermal decomposition  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
No data available
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
Other Decomposition products not known.

11 Toxicological Information
11.1 Information on toxicological effects
Acute toxicity
No data available
Skin corrosion/irritation
Mixture may cause skin irritation.
Serious eye damage/eye irritation
Mixture may cause eye irritation.
Respiratory or skin sensitisation
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.

Specific target organ toxicity- single exposure
No data available
**Specific target organ toxicity - repeated exposure**
No data available

**Aspiration hazard**
No data available

**Potential Health Effects**

**Inhalation**
REFER SECTION 2

**Skin**
REFER SECTION 2

**Eyes**
REFER SECTION 2

**Ingestion**
REFER SECTION 2

**Additional Information**
RTECS: Not Available

### 11.2 Components

**Cycloheximide**

*Acute oral Toxicity*
Rat LD50: 2mg/kg

*Skin Corrosion/Irritation*
Skin-rabbit Result: Skin irritation: 24 h

*Germ cell mutagenicity*
Lab experiments have shown mutagenic effects.
Invitro tests showed mutagenic effects.

*Reproductive toxicity*
May cause congenital malformation in the fetus.
Presumed human reproductive toxicant.
Liver-irregularities-based on human evidence.

**Additional Information**
RTECS: MA4375000

**2-Phenyl ethanol**

*Acute oral toxicity*
Rat LD50: 2,230 mg/kg

*Acute inhalation toxicity*
No data available

*Acute dermal toxicity*
Rabbit LD50:>300-2,000 mg/kg

*Skin irritation*
Rabbit Result: Non Irritant

*Eye irritation*
Rabbit Result: Irritant

*Sensitisation*
Patch test
Human Result: Negative

*Ames test*
Result: Negative

*Mutagenicity (mammal cell test)*
No data available

*Carcinogenicity*
No data available

*Toxicity to Reproduction*
No data available

*Teratogenicity*
No data available

**Additional information:**
RTECS: SG7175000

---

12 Ecological Information

12.1 Toxicity
No data available

**Component:**
2-Phenyl ethanol

*Toxicity to fish*
Leuciscus idus (Golden orfe) LC50: 220 - 460 mg/l; 96 h

*Toxicity to daphnia and other aquatic invertebrates*
Daphnia magna (Water flea) EC50: 287 mg/l; 48 h

*Toxicity to algae*
Desmodesmus subspicatus (green algae) IC50: 490 mg/l; 72 h

*Toxicity to bacteria*
Pseudomonas putida EC50: 1,320 mg/l; 17 h

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/vPvB assessment was not conducted as chemical safety assessment is not required.

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. Contact a licenced professional waste disposal service to dispose off this material.

13.2 Contaminated packaging
Dispose of as unused product.

14 Transport Information

14.1 UN-No
ADNR : 2811  ADR : 2811  IATA_C : 2811  IATA_P : 2811  IMDG : 2811  RID : 2811

14.2 UN proper shipping name
ADNR : Toxic solids, organic, n.o.s.
ADR : Toxic solids, organic, n.o.s.
IATA_C : Toxic solids, organic, n.o.s.
IATA_P : Toxic solids, organic, n.o.s.
IMDG : Toxic solids, organic, n.o.s.
RID : Toxic solids, organic, n.o.s.

14.3 Transport hazard class(es)

14.4 Packaging group

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
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 codes and classification mentioned in section 3
H300  Fatal if swallowed
H302  Harmful if swallowed
H311  Toxic in contact with skin
H315  Causes skin irritation
H318  Causes serious eye damage
H341  Suspected of causing genetic defects
H360D  May damage the unborn child
H411  Toxic to aquatic life with long lasting effects
Acute Tox. dermal. 3  Acute toxicity, dermal, Category 3
Acute Tox. oral. 1  Acute toxicity, oral, Category 1
Acute Tox.oral 4  Acute toxicity, oral, Category 4
Aquatic Chronic 2  Hazardous to the aquatic environment, long term hazard, Category 2
Eye Dam. 1  Serious eye damage or eye irritation, Category 1
Muta. 2  
Germ cell mutagenicity, Category 2  
Repr. 1B  
Reproductive toxicity, Category 1B  
Skin Irrit. 2  
Skin corrosion or irritation, Category 2

Further Information

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