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

1.1 Product Identifiers
Product Number  FD338
Product Name    LCN 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
For InVitro Diagnostic Use

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
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
Skin corrosion or irritation, (Category 2), H315
Sensitisation, respiratory, (Category 1), H334
Germ cell mutagenicity, (Category 2), H341
Reproductive toxicity, (Category 1A), H360D
Hazardous to the aquatic environment, long term hazard, (Category 2), H411

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

Pictogram
Signal word  Danger
Hazard Statement(s)
H300  Fatal if swallowed
H341  Suspected of causing genetic defects
H315  Causes skin irritation
H334  May cause allergy or asthma symptoms or breathing difficulties if inhaled

www.himedialabs.com
Safety data sheet(SDS)
Revision :  00000
Date of Revision : 09.03.2019
H411 Toxic to aquatic life with long lasting effects
H360D May damage the unborn child

Precautionary Statement(s)
P201 Obtain special instructions before use.
P301+P312+P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P332/P337 + P313 IF skin irritation/eye irritation persists: Get medical advice/attention.
P273 Avoid release to the environment.

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;=90 - &lt;=100%</td>
</tr>
<tr>
<td>CAS No.:</td>
<td>66-81-9</td>
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<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></td>
<td>Acute Tox. oral. 1; Skin Irrit. 2; Muta. 2; Repr. 1B; Aquatic Chronic 2 H300; H315; H341; H360D; H411</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nalidixic acid</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=1 - &lt;=10%</td>
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<tr>
<td>CAS No.:</td>
<td>389-08-2</td>
<td></td>
</tr>
<tr>
<td>EC No.:</td>
<td>206-864-7</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
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>White homogeneous 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>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>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Oxidizing properties  
Vapour density  
Thermal decomposition

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**
No data available

**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. IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Phenol)

**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
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
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
H315  Causes skin irritation
H341  Suspected of causing genetic defects
H360D  May damage the unborn child
H411  Toxic to aquatic life with long lasting effects
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
Muta. 2  Germ cell mutagenicity, Category 2
Further Information

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