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

1.1 Product Identifiers
Product Number  FD035
Product Name    CC 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 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
- Germ cell mutagenicity, (Category 2), H341
- Carcinogenicity, (Category 1A), H350
- Reproductive toxicity, (Category 1A), H360
- Hazardous to the aquatic environment, long term hazard, (Category 1), H410

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

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>Signal word</th>
<th>Hazard Statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger</td>
<td></td>
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</tbody>
</table>

H300  Fatal if swallowed
H341  Suspected of causing genetic defects
H350  May cause cancer
H411  Toxic to aquatic life with long lasting effects
H360  May damage fertility or the unborn child
Precautionary Statement(s)

P201 Obtain special instructions before use.
P264 Wash hands thoroughly after handling. Wash skin thoroughly after handling.
P281 Use personal protective equipment as required.
P273 Avoid release to the environment.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P308 + P313 IF exposed or concerned: 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></td>
<td></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>
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<tr>
<td>Index-No :</td>
<td>613-140-00-8</td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. oral. 1; Skin Irrit. 2; Muta. 2;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rep. 1B; Aquatic Chronic 2  H300;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H315; H341; H360D; H411</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;=80 - &lt;=90%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
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</thead>
<tbody>
<tr>
<td>Chloramphenicol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No. :</td>
<td>56-75-7</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>200-287-4</td>
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<tr>
<td>Index-No :</td>
<td></td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carc. 1B  H350</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;=10 - &lt;=20%</td>
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</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>
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<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
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</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>
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<tr>
<td>Vapour pressure</td>
<td>No data available</td>
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<tr>
<td>Relative density</td>
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<tr>
<td>Water Solubility</td>
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<tr>
<td>Partition coefficient: n-octanol/water</td>
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<tr>
<td>Autoignition Temperature</td>
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</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
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<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
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</table>
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
   No data available
   Serious eye damage/eye irritation
   No data available
   Respiratory or skin sensitisation
   No data available

   Carcinogenicity
   May cause cancer

   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
11.2 Components

Chloramphenicol

Acute oral Toxicity
Rat LD50: 2.500 mg/kg
Rat Intraperitoneal LD50: 1.811 mg/kg
Mouse Intraperitoneal LD50: 1.100 mg/kg

Respiratory or skin sensitization
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Germ Cell Mutagenicity
Lab experiments have shown mutagenic effects.
Classified by IARC as Group 2A probable carcinogen to humans

Reproductive toxicity
May cause congenital malformation in the fetus.

Additional Information
RTECS : AB6825000

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

12 Ecological Information

12.1 Toxicity
No data available

Components:

Chloramphenicol

Toxicity to Daphnia and other aquatic invertebrates
Daphnia magna(Water flea) EC50: 345 mg/l; 48 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>Toxic solids, organic, n.o.s.</td>
</tr>
<tr>
<td>ADR</td>
<td>Toxic solids, organic, n.o.s.</td>
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<tr>
<td>IATA_C</td>
<td>Toxic solids, organic, n.o.s.</td>
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<tr>
<td>IATA_P</td>
<td>Toxic solids, organic, n.o.s.</td>
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<tr>
<td>IMDG</td>
<td>Toxic solids, organic, n.o.s.</td>
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<tr>
<td>RID</td>
<td>Toxic solids, organic, n.o.s.</td>
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14.3 **Transport hazard class(es)**

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<td>IATA_P</td>
<td>6.1</td>
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<tr>
<td>IMDG</td>
<td>6.1</td>
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<tr>
<td>RID</td>
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</tbody>
</table>

14.4 **Packaging group**

<table>
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<th>Code</th>
<th>Description</th>
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<td>ADNR</td>
<td>I</td>
</tr>
<tr>
<td>ADR</td>
<td>I</td>
</tr>
<tr>
<td>IATA_C</td>
<td>I</td>
</tr>
<tr>
<td>IATA_P</td>
<td>I</td>
</tr>
<tr>
<td>IMDG</td>
<td>I</td>
</tr>
<tr>
<td>RID</td>
<td>I</td>
</tr>
</tbody>
</table>

14.5 **Environmental hazards**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>No</td>
</tr>
<tr>
<td>ADR</td>
<td>No</td>
</tr>
<tr>
<td>IMDG</td>
<td>Marine pollutant No</td>
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<tr>
<td>IATA_C</td>
<td>No</td>
</tr>
<tr>
<td>IATA_P</td>
<td>No</td>
</tr>
<tr>
<td>RID</td>
<td>No</td>
</tr>
</tbody>
</table>

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
H315 Causes skin irritation
H341 Suspected of causing genetic defects
H350 May cause cancer
H360D May damage the unborn child
H411 Toxic to aquatic life with long lasting effects
Acute Tox. oral. 1 Acute toxicity, oral, Category 1
Aquatic Chronic 2 Hazardous to the aquatic environment, long term hazard, Category 2
Carc. 1B Carcinogenicity, Category 1B
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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