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

1.1 Product Identifiers

Product Number: FD034
Product Name: Yersinia Selective 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.: +91-22-2500 2468
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]

Skin corrosion or irritation, (Category 2), H315
Sensitisation, Skin, (Category 1), H317
Serious eye damage or eye irritation, (Category 2A), H319
Specific target organ toxicity, single exposure, Respiratory tract irritation, (Category 3), H335
Hazardous to the aquatic environment, long term hazard, (Category 1), H410

2.2 Label elements

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

Pictogram: !
Signal word: Warning
Hazard Statement(s):

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H410 Very toxic to aquatic life with long lasting effects
Precautionary Statement(s)

P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P273  Avoid release to the environment.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501  Dispose of contents/container to an approved waste disposal plant.
P302+P352+P312 IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.

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>Cefsulodin, sodium, monohydrate</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=60 - &lt;=70%</td>
</tr>
<tr>
<td>CAS No. : 52152-93-9</td>
<td>Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; STOT SE 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H315; H319; H317; H335</td>
<td></td>
</tr>
<tr>
<td>Triclosan (Irgasan)</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=10 - &lt;=20%</td>
</tr>
<tr>
<td>CAS No. : 3380-34-5</td>
<td>Skin Irrit. 2; Eye Irrit. 2A; Aquatic Chronic 1</td>
<td></td>
</tr>
<tr>
<td>EC No. : 222-182-2</td>
<td>H315; H319; H410</td>
<td></td>
</tr>
<tr>
<td>Index-No : 604-070-00-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Novobiocin, sodium salt</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=10 - &lt;=20%</td>
</tr>
<tr>
<td>CAS No. : 1476-53-5</td>
<td>Skin Sens. 1; Eye Irrit. 2A</td>
<td></td>
</tr>
<tr>
<td>EC No. : 216-023-6</td>
<td>H317; H319</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

- **Appearance**: Cream coloured 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
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

11.2 Components

Triclosan

Acute Oral Toxicity
Rat LD50 3700 mg/kg
(As per RTECS)

Acute Dermal Toxicity
Rabbit LD50 9300 mg/kg
(As per RTECS)

Skin irritation
Causes skin irritation

Eye irritation
Causes eye irritation

Additional Information
RTECS: KO1100000

12 Ecological Information

12.1 Toxicity
No data available

Components

Triclosan

Toxicity to fish
Oncorhynchus mykiss (rainbow trout) LC50: 0.288 mg/l; 96 h
Danio rerio (zebra fish) LC50: 0.7 mg/l; 48 h

Toxicity to daphnia and other aquatic invertebrates
Daphnia magna (Water flea) EC50: 0.39 mg/l; 48 h
(As per OECD Test guideline 202)

Toxicity to algae
Algae IC50: 0.2 mg/l; 72 h
(As per OECD Test guideline 201)
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 : 3077  ADR : 3077  IATA_C : 3077  IATA_P : 3077  IMDG : 3077  RID : 3077

14.2 UN proper shipping name
ADNR : Environmentally hazardous substance, solid, n.o.s
ADR : Environmentally hazardous substance, solid, n.o.s
IATA_C : Environmentally hazardous substance, solid, n.o.s
IATA_P : Environmentally hazardous substance, solid, n.o.s
IMDG : Environmentally hazardous substance, solid, n.o.s
RID : Environmentally hazardous substance, solid, n.o.s

14.3 Transport hazard class(es)
ADNR : 9  ADR : 9  IATA_C : 9  IATA_P : 9  IMDG : 9  RID : 9

14.4 Packaging group

14.5 Environmental hazards
ADNR :  No  ADR :  No  IMDG : Marine pollutant  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

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H410 Very toxic to aquatic life with long lasting effects
Aquatic Chronic 1 Hazardous to the aquatic environment, long term hazard, Category 1
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A
Skin Irrit. 2 Skin corrosion or irritation, Category 2
Skin Sens. 1 Sensitisation, Skin, Category 1
STOT SE 3 Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

Further Information

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The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal. The information provided herein shall not be considered as guarantee of the properties of the product. HiMedia Laboratories, shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing purpose only and is not to be used for any other purpose.