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

1.1 Product Identifiers

Product Number MH031
Product Name Xylose-Lysine-Deoxycholate Agar
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]
Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008
The product does not need to be labelled in accordance with EC directives or respective national laws.

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>Sodium deoxycholate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No.: 302-95-4</td>
<td>As Per EC Regulation 1272/2008 Acute Tox.oral 4; STOT SE 3 H302; H335</td>
<td>&gt;=1.0 - &lt;=10.0%</td>
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<tr>
<td>EC No.: 206-132-7</td>
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</tr>
<tr>
<td>Component</td>
<td>Classification</td>
<td>Concentration</td>
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<tr>
<td>--------------------------</td>
<td>----------------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Ferric ammonium citrate</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=1.0 - &lt;=10.0%</td>
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<tr>
<td>CAS No.: 1185-57-5</td>
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<tr>
<td>EC No.: 214-686-6</td>
<td>Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3</td>
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<tr>
<td></td>
<td>H315; H319; H335</td>
<td></td>
</tr>
<tr>
<td>Phenol red</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.1 - &lt;=1.0%</td>
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<td>CAS No.: 143-74-8</td>
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<tr>
<td>EC No.: 205-609-7</td>
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<td></td>
<td>H315; H319; H335</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 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
   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
   Carbon oxides, Sodium oxides, Hydrogen chloride gas, Sulphur oxides, Iron oxides
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 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. 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 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 empty into drains.

<table>
<thead>
<tr>
<th>9</th>
<th>Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9.1</strong></td>
<td>Information on basic physical and chemical properties</td>
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<tr>
<td>Appearance</td>
<td>Light yellow to pink coloured homogeneous free flowing powder.</td>
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<td>Odour Threshold</td>
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<td>Melting/freezing point</td>
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<td>Flash point</td>
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<tr>
<td>Flammability (Solid, gas)</td>
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<td>Vapour pressure</td>
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<td>Relative density</td>
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<td>Water Solubility</td>
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<td>Partition coefficient: n-octanol/water</td>
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<td>Autoignition Temperature</td>
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<tr>
<td>Oxidizing properties</td>
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<tr>
<td>Vapour density</td>
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<tr>
<td>Thermal decomposition</td>
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<table>
<thead>
<tr>
<th>9.2</th>
<th>Other safety information</th>
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<thead>
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<th>Stability and Reactivity</th>
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<td><strong>10.2</strong></td>
<td>Chemical stability</td>
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<td><strong>10.3</strong></td>
<td>Possibility of hazardous reactions</td>
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<td><strong>10.4</strong></td>
<td>Conditions to avoid</td>
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<tr>
<td><strong>10.5</strong></td>
<td>Incompatible materials</td>
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</tbody>
</table>
10.6 Hazardous decomposition products
Refer Section 5.2: 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

*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

*Potential Health Effects*

*Inhalation*
REFER SECTION 2

*Skin*
REFER SECTION 2

*Eyes*
REFER SECTION 2

*Ingestion*
REFER SECTION 2

*Additional Information*
RTECS: No data available

11.2 Components

*Phenol Red*

*Acute Oral Toxicity*
LD50 Rat: >600 mg/Kg
Intravenous Rat LD50: 752 mg/Kg
Intravenous Mouse LD50: 1368 mg/Kg

*Inhalation:*
May cause respiratory irritation.
**Additional Information:**
RTECS SJ7490000

**Sodium Deoxycholate**
*Acute Oral Toxicity*
Rat LD50: 1,370 mg/kg (As Per RTECS)
Rat Intraperitoneal LD50: 123 mg/kg
Rat Subcutaneous LD50: 2,430 mg/kg

**Additional Information:**
RTECS FZ2250000

**Ferric ammonium citrate**
*Acute Oral Toxicity*
RatLD50: >2000 mg/kg

**Acute Potential Health Effects**

Skin
Contact may cause irritation or rash, particularly with moist skin.

Eyes
May cause eye irritation with redness, tearing, and abrasion.

Inhalation
Inhalation of high concentrations of dust may cause nasal, throat or lung irritation. Symptoms may include coughing and wheezing.

Ingestion
Ingestion can produce gastrointestinal tract irritation with hyper motility, diarrhea.

**Chronic Potential Health Effects**

Eyes
Prolonged eye contact may cause a brownish discoloration of the eyes.

Skin
Prolonged skin contact may cause skin irritation.

**Additional information:**
RTECS: GE7540000

---

**12 Ecological Information**

**12.1 Toxicity**
No data available

**Components**
**Sodium deoxycholate**
Toxicity to Fish
Oryzias latipes LC50: 115mg/l; 48h

**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
This substance or mixture contains no components considered to be persistent, bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.

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 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 : 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
This safety data sheet 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
H302         Harmful if swallowed
H315         Causes skin irritation
H319         Causes serious eye irritation
H335         May cause respiratory irritation
Acute Tox.oral 4  Acute toxicity, oral, Category 4
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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