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

1.1 Product Identifiers

Product Code: TC303
Product Name: Dispase®, Cell Culture Tested

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Produced by: HiMedia Laboratories Pvt. Ltd.
Address: 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
Tel. No.: +91-22-2500 0970, +91-22-2500 1607
Fax No.: +91-22-2500 2468

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

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Sensitisation, respiratory (Category 1)
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Irritating to eyes, respiratory system and skin.
May cause sensitization by inhalation.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram

Signal word: Danger

Hazard Statement(s)
H315 Causes skin irritation
H319 Causes serious eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation

Precautionary Statement(s)
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P342 + P311 IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.


Symbol(s)
**R-Phrase(s)**
R36/37/38 Irritating to eyes, respiratory system and skin.
R42 May cause sensitization by inhalation.

**S-Phrase(s)**
S22 Do not breathe dust.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.

2.3 Other hazards - none

### 3. Composition/Information on Ingredients

#### 3.1 Substances

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispase®, Cell Culture Tested</td>
<td></td>
</tr>
<tr>
<td>CAS-No.</td>
<td>42613-33-2</td>
</tr>
<tr>
<td>EC-No.</td>
<td>255-914-4</td>
</tr>
<tr>
<td>Index-No.</td>
<td>647-014-00-9</td>
</tr>
</tbody>
</table>

### 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 thoroughly with plenty of water for at least 15 minutes and 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.

#### 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 vapors, 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 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.

7.3 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: Store at 2 - 8°C

7.3 Specific end uses
  No data available

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 product.
  Personal protective equipment
  Hygiene measure
  Immediately change contaminated clothing. Apply preventive skin protection. Wash hands face after working with the substance
  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 of 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 work place.
  Respiratory protection
  Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK(EN 14387) respirator cartridges as a backup to the 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  
Tan to faint beige powder.

Odour  
No data available
Odour Threshold  
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
Upper/lower flammability or explosive limits  
No data available
Vapour pressure  
No data available
Vapour density  
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
Decomposition Temperature  
No data available
Viscosity  
No data available
Explosive properties  
No data available
Oxidizing properties  
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
Strong oxidizing agents
10.6 Hazardous decomposition products
Other decomposition products - No data available

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 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

12 Ecological Information
12.1 Toxicity
No data available
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
No data available
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 of this material.
13.2 Contaminated packaging
Dispose of as unused product.

14 Transport Information
14.1 UN-No.
ADR/RID: -   IMDG: -   IATA: -
14.2 UN proper shipping name
ADR/RID : no dangerous goods
IMDG : no dangerous goods
IATA : no dangerous goods
14.3 Transport hazard class(es)
ADR/RID: -   IMDG: -   IATA: -
14.4 Packaging group
ADR/RID: -   IMDG: -   IATA: -
14.5 Environmental hazards
ADR/RID: No   IMDG: Marine Pollutant:No   IATA: 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
16 Other Information

Further information

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