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

1.1  Product Identifiers
- **Product Number**: M1735
- **Product Name**: Stuart Transport Medium w/o Methylene Blue with Charcoal
- **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]**
- Sensitisation, Skin, (Category 1), H317

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>Warning</td>
<td>May cause an allergic skin reaction</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Precautionary Statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P261</td>
</tr>
<tr>
<td>P280</td>
</tr>
<tr>
<td>P302 + P352</td>
</tr>
<tr>
<td>P333 + P313</td>
</tr>
</tbody>
</table>

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 thioglycollate</td>
<td></td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td>CAS No.: 367-51-1</td>
<td></td>
<td>Acute Tox. oral. 3; Skin Sens. 1 H301; H317</td>
</tr>
<tr>
<td>EC No.: 206-696-4</td>
<td></td>
<td>&gt;=1.0 - &lt;=10.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium chloride, anhydrous</td>
<td></td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td>CAS No.: 10043-52-4</td>
<td></td>
<td>Eye Irrit. 2A H319</td>
</tr>
<tr>
<td>EC No.: 233-140-8</td>
<td></td>
<td>&gt;=0.1 - &lt;=1.0%</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**  
Sodium oxides, Sulphur oxides, Calcium oxide

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 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**

**Personal protective equipment**  
Immedately 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 2016/425/EEC and the standard EN ISO 374-1/2016 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>Black coloured homogeneous free flowing 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>7.20 - 7.60</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>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### 9.2 Other safety information

No data available

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## 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
Refer Section 5.2

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
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

Additional Information
RTECS: No data available

11.2 Components

Sodium Thioglycollate
Acute oral toxicity
Rat LD50: 50-200 mg/kg (As per OECD Test Guideline 423)

Acute dermal toxicity
Rat LD50: >1000-2000 mg/kg (As per OECD Test Guideline 402)

Skin irritation
Rabbit: Slight irritation (As per OECD Test Guideline 404)

Eye irritation
Rabbit: Slight irritation (As per OECD Test Guideline 405)

Sensitization
Mouse: Positive (As per OECD Test Guideline 429)

Germ cell mutagenicity
Genotoxicity in vivo
In vivo micronucleus test: Mouse (male & female)
Oral Result: Negative method (As per OECD Test Guideline 474)
Genotoxicity in vitro
Ames Test: *Salmonella* Typhimurium
Result: Negative (As per OECD Test Guideline 471)

**Additional information:**
RTECS: AI7700000

**Calcium chloride**

*Acute oral toxicity*
Rat LD50: 1,000 mg/kg
(As per IUCLID)

*Acute dermal toxicity*
Rat LD50: 2,630 mg/kg
(As per IUCLID)

**Skin irritation**
Rabbit
Result: No irritation
(As per OECD Test Guideline 404)

**Eye irritation**
Rabbit
Result: Eye irritation
(As per OECD Test Guideline 405)
Causes serious eye irritation.

**Additional Information**
RTECS: EV9800000

---

12 Ecological Information

12.1 Toxicity
No data available

**Components**

**Sodium thioglycollate**

*Toxicity to fish*
Oncorhynchus mykiss (rainbow trout) LC50: > 100 mg/l; 96 h
(As per OECD Test Guideline 203)

*Toxicity to daphnia and other aquatic invertebrates*
Daphnia magna (Water flea) EC50: 38 mg/l; 48 h
(As per OECD Test Guideline 202)

*Toxicity to algae*
Desmodesmus subspicatus (green algae) EC50: > 100 mg/l; 72h
(As per OECD Test Guideline 201)

*Toxicity to bacteria*
EC50 Activated sludge: 820 mg/l; 0.5 h
(As per OECD Test Guideline 209)
Calcium chloride

Toxicity to fish
Lepomis macrochirus (Bluegill sunfish) LC50 : 10,650 mg/l; 96 h
(As per IUCLID)

Toxicity to daphnia and other aquatic invertebrates
Daphnia magna (Water flea) EC50 : 144 mg/l; 48 h
(As per IUCLID)

Toxicity to algae
AlgaeIC50 : 3,130 mg/l; 120 h
(As per IUCLID)

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 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
Environmental hazards
ADNR : No  ADR : No  IMDG : Marine Pollutant No  IATA_C : No  IATA_P : No  RID : No

Special precautions for use
No data available

Regulatory Information
This safety datasheet complies with the requirements of Regulation(EC) No. 1907/2006.

Safety health and environment regulations/legislation specific for the substance or mixture
No data available

Chemical Safety Assessment
No data available

Other information
Text of H codes and classification mentioned in section 3

- H301 Toxic if swallowed
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- Acute Tox. oral. 3 Acute toxicity, oral, Category 3
- Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A
- Skin Sens. 1 Sensitisation, Skin, Category 1

Further Information

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