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

1.1 Product Identifiers
Product Number: M462
Product Name: Thioglycollate Broth w/ HL Extract (B.Q. Vaccine Medium)
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 In Vitro 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

Pictogram:
Signal word: Warning

Hazard Statement(s)
H317 May cause an allergic skin reaction

Precautionary Statement(s)
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P333 + P313 IF SKIN irritation or rash occurs: 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>Sodium thioglycollate</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=1.0 - &lt;=5.0%</td>
</tr>
<tr>
<td></td>
<td>Acute Tox.oral. 3; Skin Sens. 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H301; H317</td>
<td></td>
</tr>
<tr>
<td>CAS No. :</td>
<td>367-51-1</td>
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</tr>
<tr>
<td>EC No. :</td>
<td>206-696-4</td>
<td></td>
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</tbody>
</table>

Refer Section 16 for complete statement of H codes & 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
Carbon oxides, Sodium oxides, Oxides of phosphorus, Potassium 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 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
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 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.

<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>
</tr>
<tr>
<td>Appearance</td>
<td>Cream to yellow coloured homogeneous free flowing powder</td>
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<tr>
<td>Odour</td>
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<tr>
<td>Odour Threshold</td>
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<td>pH</td>
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<td>Initial boiling point and boiling range</td>
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<tr>
<td>Flash point</td>
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<tr>
<td>Flammability (Solid, gas)</td>
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<tr>
<td>Vapour pressure</td>
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<td>Relative density</td>
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<tr>
<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>Viscosity</td>
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<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
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<tr>
<td>Vapour density</td>
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<th>Other safety information</th>
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<th>10</th>
<th>Stability and Reactivity</th>
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<td>Reactivity</td>
</tr>
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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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<td><strong>10.5</strong></td>
<td>Incompatible materials</td>
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<td>Strong oxidizing agents</td>
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<tr>
<td><strong>10.6</strong></td>
<td>Hazardous decomposition products</td>
</tr>
<tr>
<td>Refer Section 5.2. Other Decomposition products not known.</td>
<td></td>
</tr>
</tbody>
</table>
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 : Not 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
Local Lymph Node Assay(LLNA)
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

---

## 12 Ecological Information

### 12.1 Toxicity
No data available for this mixture

#### 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)

### 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 preparation contains no substance considered to be persistent, bioaccumulating or 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 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
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 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
H301 Toxic if swallowed
H317 May cause an allergic skin reaction
Acute Tox.oral. 3 Acute toxicity, oral, Category 3
Skin Sens. 1 Sensitisation, Skin, Category 1

Further Information
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