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

1.1 Product Identifiers
Product Number  M612A
Product Name  Slanetz and Bartley Medium w/o TTC
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]
Hazardous to the aquatic environment, long term hazard, (Category 3), H412

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

Signal word  None
Hazard Statement(s)
H412  Harmful to aquatic life with long lasting effects
Precautionary Statement(s)
P273  Avoid release to the environment.

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 azide</td>
<td></td>
<td></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 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, Nitrogen oxides (NOx),
No data available.

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**
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 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 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

Appearance
Cream to yellow coloured homogeneous free flowing powder

Odour
No data available

Odour Threshold
No data available

pH
7.00 - 7.40

Melting/freezing point
No data available

Initial boiling point and boiling range
No data available

Flash point
No data available

Flammability (Solid, gas)
No data available

Vapour pressure
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

Viscosity
No data available

Explosive properties
No data available

Oxidizing properties
No data available

Vapour density
No data available

Thermal decomposition
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
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 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

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#### Components

**Sodium azide**

**Acute oral toxicity**
Rat LD50: 27mg/kg (As per RTECS)

**Acute dermal toxicity**
LD50 Rabbit: 20mg/kg (As per RTECS)

### Additional Information:
RTECS :VY8050000

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#### Ecological Information

### Toxicity
No data available

#### Components:

**Sodium azide**

**Toxicity to fish**
LC50 Lepomis macrochirus (Bluegill sunfish): 0.7 mg/l; 96 h
**Toxicity to Daphnia**
EC50 Daphnia pulex (Water flea): 4.2 mg/l; 48 h

**Toxicity to algae**
IC50 mixed culture of green algae: 272 mg/l

**Toxicity to bacteria**
EC50 Photobacterium phosphoreum: 38.5 mg/l

### 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 substances considered to be persistent, bioaccumulating or toxic (PBT) at levels of 0.1% or higher.

### 12.6 Other adverse effects
Discharge into the environment must be avoided.

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### 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.

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### 14 Transport Information

#### 14.1 UN-No
ADNR :  ADR :  IATA_C :  IATA_P :  IMDG :  RID :

#### 14.2 UN proper shipping name
<table>
<thead>
<tr>
<th>ADNR</th>
<th>ADR</th>
<th>IATA_C</th>
<th>IATA_P</th>
<th>IMDG</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not danger goods</td>
<td>Not danger goods</td>
<td>Not danger goods</td>
<td>Not danger goods</td>
<td>Not danger goods</td>
<td>Not danger goods</td>
</tr>
</tbody>
</table>

#### 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
- H300 Fatal if swallowed
- H310 Fatal in contact with skin
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- Acute Tox. 1 Acute toxicity, dermal, Category 1
- Acute Tox.oral. 2 Acute toxicity, oral, Category 2
- Aquatic Acute 1 Hazardous to the aquatic environment, acute hazard, Category 1
- Aquatic Chronic 1 Hazardous to the aquatic environment, long term hazard, Category 1

Further Information

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