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

1.1 Product Identifiers

Product Number: MD052
Product Name: Sulphamethizole (SM)
REACH Registration Number: This product is a mixture. Reach registration number is not available for this product.

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

1.2.1 Relevant identified uses

For Laboratory and Research use only.
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.: +91-22-25002468
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

The components of this product need not be disclosed as per the regulations. Ingredients in this product are nonhazardous.

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, nitrogen oxides (NOx), Sulphur oxides  

5.3 **Precautions for fire-fighters**  
Wear full protective clothing and 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**  

---

Page 2 of 6
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 let product enter drains. Discharge into the environment must be avoided.

9 Physical and chemical properties
9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Two comb like inert strip having 8 different concentration impregnated on the circular filter paper disc and concentration printed on the each strip.</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>Not Applicable</td>
</tr>
</tbody>
</table>
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
No data available

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

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

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
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>ADR</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IATA_C</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IATA_P</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>RID</td>
<td>Not dangerous goods</td>
</tr>
</tbody>
</table>

### 14.2 UN proper shipping name

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>ADR</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IATA_C</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IATA_P</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not dangerous goods</td>
</tr>
<tr>
<td>RID</td>
<td>Not dangerous goods</td>
</tr>
</tbody>
</table>

### 14.3 Transport hazard class(es)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>-</td>
</tr>
<tr>
<td>ADR</td>
<td>-</td>
</tr>
<tr>
<td>IATA_C</td>
<td>- IATA_P</td>
</tr>
<tr>
<td>IMDG</td>
<td>-</td>
</tr>
<tr>
<td>RID</td>
<td>-</td>
</tr>
</tbody>
</table>

### 14.4 Packaging group

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>NO</td>
</tr>
<tr>
<td>ADR</td>
<td>NO</td>
</tr>
<tr>
<td>IATA_C</td>
<td>NO</td>
</tr>
<tr>
<td>IATA_P</td>
<td>NO</td>
</tr>
<tr>
<td>IMDG</td>
<td>NO</td>
</tr>
<tr>
<td>RID</td>
<td>NO</td>
</tr>
</tbody>
</table>

### 14.5 Environmental hazards

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR</td>
<td>NO</td>
</tr>
<tr>
<td>ADR</td>
<td>NO</td>
</tr>
<tr>
<td>IMDG</td>
<td>Marine Pollutant: NO</td>
</tr>
<tr>
<td>IATA_C</td>
<td>NO</td>
</tr>
<tr>
<td>IATA_P</td>
<td>NO</td>
</tr>
<tr>
<td>RID</td>
<td>NO</td>
</tr>
</tbody>
</table>

### 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

**Further Information**

Copyright 2016 HiMedia Laboratories Pvt. Ltd.

The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal. The information provided herein shall not be considered as guarantee of the properties of the product. HiMedia Laboratories, shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing purpose only and is not to be used for any other purpose.