



| | | |
|--|------------------------|--|
| MATERIALS SAFETY DATA SHEET (MSDS) 5 - methyl phenyl azo thiophene - 2- azo dye | MSDS Number: | |
| | Version number: | |
| | Date issued: | |
| | Page No: | |

1. Product Identification

| | |
|------------------------|---|
| Product Name | 5 - methyl phenyl azo thiophene - 2- azo dye |
| Recommended Use | For industry use only. |

Manufacturer/Importer/Supplier/Distributor information

| | |
|-----------------------|--|
| Manufacturer Supplier | |
| E-Mail | |
| Contact Person | |
| Emergency Telephone | |

Entity 1 | Made by India

2. Hazard(s) identification

| | |
|-----------------------------------|-------------------|
| Hazard statement(s) | No data available |
| Signal word | No data available |
| Pictogram(s) | No data available |
| Precautionary statement(s) | No data available |
| Prevention | No data available |
| Response | No data available |
| Storage | No data available |
| Disposal | No data available |



| | |
|--|-------------------|
| Other hazards which do not result in classification | No data available |
|--|-------------------|

3. Composition and ingredient information

| Chemical name | % |
|--|---|
| 5 - methyl phenyl azo thiophene - 2- azo dye | 2 |

4. First-aid measures

| | |
|--|---|
| General Advice | Consult a physician. |
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| Skin Contact | Wash off with soap and plenty of water. Consult a physician. |
| Inhalation | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| Swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| Most important symptoms and effects | No data available |

5. Fire-fighting measures

| | |
|--|-------------------|
| Extinguishing media | |
| Suitable extinguishing media | No data available |
| Unsuitable extinguishing media | No data available |
| Special hazards arising from the substance or mixture | No data available |

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures



| | |
|---|---|
| Personal Precautions | Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. |
| Environmental Precautions | Discharge into the environment must be avoided. |
| Methods and material for containment and cleaning up | |
| Methods for Clean-up | No data available |

7. Handling and storage

Precautions for Safe Handling

| | |
|-----------------|--|
| Handling | Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. |
|-----------------|--|

Conditions for safe storage, including any incompatibilities

| | |
|----------------|--|
| Storage | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. |
|----------------|--|

8. Exposure Control / Personal Protection

Exposure Guidelines

| Component | ACGIH TLV | OSHA PEL | NIOSH |
|--|-----------|----------|-------|
| 5 - methyl phenyl azo thiophene - 2- azo dye | - | - | - |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH: NIOSH - National Institute for Occupational Safety and Health

| | |
|--------------------------------------|---|
| Engineering Measures | Handle in accordance with good industrial hygiene and safety practice. |
| Personal Protective Equipment | |
| Eye/face Protection | Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |



| | |
|---------------------------------|--|
| Skin and body protection | Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. 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. |
| Respiratory Protection | Wear dust mask when handling large quantities. |

9. Physical and chemical properties

| | |
|---|--------------------------|
| Physical State | No information available |
| Odor | No information available |
| Odor Threshold | No information available |
| pH | No information available |
| Boiling point or initial boiling point and boiling range | No information available |
| Flash Point (CC - Closed Cup) | No information available |
| Vapor Pressure | No information available |
| Vapor Density | No information available |
| Specific Gravity | No information available |
| Water Solubility | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient: n-octanol/water | No information available |
| Autoignition temperature °C | No information available |
| Decomposition temperature | No information available |
| Kinematic Viscosity | No information available |
| Dynamic Viscosity | No information available |
| Explosive Properties | No information available |
| Oxidizing Properties | No information available |

10. Stability and reactivity

| | |
|---------------------------|--|
| Reactivity | No data available |
| Chemical Stability | Stable under recommended storage conditions. |



| | |
|---|-------------------|
| Conditions to Avoid | No data available |
| Incompatible Materials | No data available |
| Hazardous Decomposition Products | No data available |
| Possibility of Hazardous Reactions | No data available |

11. Toxicological information

Acute Toxicity

Product Information - Component Information

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-------------------|-------------------|-------------------|
| 5 - methyl phenyl azo thiophene - 2- azo dye | No data available | No data available | No data available |

| | |
|---|---------------------------|
| Toxicologically Synergistic Products | No information available |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure | |
| Irritation | No information available. |
| Sensitization | No information available. |
| Carcinogenicity | No information available |

| Component | IARC | NTP | ACGIH | OSHA |
|---|------------|------------|------------|------------|
| 5 - methyl phenyl azo thiophene - 2- azo dye | Not listed | Not listed | Not listed | Not listed |

| | |
|---|--|
| Mutagenic Effects | No information available |
| Reproductive Effects | No information available. |
| Developmental Effects | No information available. |
| Teratogenicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available |
| Symptoms / effects, both acute and delayed | No information available. |
| Endocrine Disruptor Information | No information available. |
| Other Adverse Effects. | The toxicological properties have not been fully investigated. |



12. Ecological information

Ecotoxicity

| Component | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
|--|------------------|-----------------|------------|------------|
| 5 - methyl phenyl azo thiophene - 2- azo dye | Not listed | Not listed | Not listed | Not listed |

| | |
|-------------------------------|---------------------------|
| Persistence and Degradability | No information available. |
| Bioaccumulation/ Accumulation | No information available. |
| Mobility | No information available. |

13. Disposal considerations

| | |
|-------------------------------------|---|
| Waste treatment methods | |
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Do not reuse empty containers |

14. Transport information

| | |
|----------------------|-------------------|
| DOT | |
| UN-No | No Data available |
| Proper Shipping Name | No Data available |
| Hazard Class | No Data available |
| Packing Group | No Data available |

| | |
|----------------------|-------------------|
| TDG | |
| UN-No | No Data available |
| Proper Shipping Name | No Data available |
| Hazard Class | No Data available |
| Packing Group | No Data available |



| | |
|-----------------------------|-------------------|
| IMDG/IMO | |
| UN-No | No Data available |
| Proper Shipping Name | No Data available |
| Hazard Class | No Data available |
| Packing Group | No Data available |

| | |
|-----------------------------|-------------------|
| RID | |
| UN-No | No Data available |
| Proper Shipping Name | No Data available |
| Hazard Class | No Data available |
| Packing Group | No Data available |

15. Regulatory information

| | |
|---|-------------------|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | No Data available |
| Chemical Safety Assessment | No Data available |

16. Other information

History

| |
|---------------------------------------|
| Product name |
| Product code |
| Date of printing |
| Date of issue/Date of revision |
| Date of previous issue |
| Version |
| Prepared by |

17. Change Details