

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Substance name: 2,5,6-Trimethylbenzothiazole
CAS No.: 5683-41-0
Product code: LR-HP-5683-TMBT

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

Relevant identified uses: For research use only.
Uses advised against: Not identified
Reason why uses advised against: Not identified

1.3 Details of the Supplier of the safety data sheet

1.3.1 Details of the supplier of the safety data sheet:

Manufacturer/Supplier MR TEK Ltd
Room 06,13A/F., South Tower, World Finance Center, Harbour City, 17 Canton Road | Tsim Sha Tsui, Kowloon,Hong kong| China
Address
Telephone number 0086 138 1854 7689

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Pictograms



Signal word Warning

2.2 Hazard statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation

2.3 Precautionary statements-(Prevention)

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection.

2.4 Precautionary statements-(Response)

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
IF ON SKIN Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse.

2.5 Precautionary statements-(Storage)

Not applicable

Precautionary statements-(Disposal)

Not applicable

2.6 Other hazards

Not available

SECTION 3: Composition/information on ingredients

Product identifier type in accordance	Formula	CAS No	Molecular weight	Weight-%
2,5,6-Trimethylbenzothiazole	C10H11NS	5683-41-0	177.27	97

SECTION 4: First aid measures

4.1 First aid procedures

Skin contact Wash skin with soap and water.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation Remove to fresh air.
Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms None identified.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the chemical

No information available.

5.3 Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions, protective Ensure adequate ventilation, especially in confined areas.
6.2 Environmental precautions See Section 12 for additional ecological information.

6.3 Methods and material for containment and cleaning up

Methods and material for containment and cleaning up
Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures Avoid contact with strong oxidizing agents.
Protective measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including an

Storage conditions Keep container protect from light, store in well-ventilated place at room temperature (preferably cool). Keep container tightly closed.
Packaging materials Glass.
Incompatible materials Strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1 Engineering controls

In case of indoor workplace, seal the source or use a local exhaust system. Provide the safety shower facility, and hand-and eye-wash facility. And display their position clearly.

8.2 Personal protective equipment

Eye protection protective eyeglasses or chemical safety goggles
Skin and Body Protection Long-sleeved work clothes
Respiratory protection Dust mask
Hand protection Protection gloves

8.3 General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Color White - light yellow
Odor no data available
Appearance crystals or crystalline powder
pH no data available
Melting point/freezing point 81 - 84 °C
Boiling point/boiling range No data available.
Flash point No data available.
Evaporation rate No data available.
Flammability(solid, gas): No data available.
Upper/lower flammability or explosive limits
Upper: No data available.
Lower: No data available.
Vapor pressure No data available.
Vapor density No data available.
Specific gravity No data available.
Solubilities water : insoluble
n-Octanol/water partition coefficient:(log Pow) No data available.
Auto-ignition temperature No data available.
Decomposition temperature No data available.
Viscosity (coefficient of viscosity) No data available.
Dynamic viscosity No data available.

SECTION 10: Chemical Stability & Reactivity Information

10.1 Chemical stability

Chemical stability May be altered by light.
Reactivity no data available

10.2 Hazardous Reactions

None under normal processing.

10.3 Conditions to avoid

Extremes of temperature and direct sunlight

10.4 Incompatible materials

Strong oxidizing agents

10.5 Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Sulfur oxides (SO_x)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity no data available
Serious eye damage/ irritation no data available
Respiratory or skin sensitization no data available
Reproductive cell mutagenicity no data available
Reproductive toxicity no data available
STOT-single exposure no data available
STOT-repeated exposure no data available
Aspiration hazard no data available

SECTION 12: Ecological information

12.1 Ecotoxicity No information available.
12.2 Mobility in soil No information available.
12.3 Persistence and degradability No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Precautionary including method of disposing contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport Information

The product is not covered by international regulations on the transport of dangerous goods (DOT, IATA/IMDG).

SECTION 15: Regulatory information

15.1 International Inventories

TSCA	-
EINECS/ELINCS	Listed
DSL/NDSL	-

15.2 US Federal Regulations

SARA 313	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
CWA (Clean Water Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.3 US State Regulations

California Proposition 65	This product does not contain any chemicals regulated by Proposition 65
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SECTION 16: Other information, including date of preparation or last revision

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.