

MATERIAL SAFETY DATA SHEET
3-METHYLBENZOFURAN 98 %

Section 1 - Chemical Product and Company Identification

| | |
|---|--|
| MSDS Name: | 3-METHYLBENZOFURAN 98 % |
| Catalog Numbers: | 4.84 |
| Synonyms: | |
| Company Identification: | Tau-Chem, Ltd. Nobelova 34, P.O. Box 29 836 05 Bratislava, Slovak Republic Phone: +421 2 44 452 252 Fax: +421 244 457 645 |
| Relevant identified uses of substance or mixture and uses advised against | |
| Identified uses | Laboratory chemicals, Manufacture of substances |
| POISON CENTER: | National Toxicological Information Centre Limbová 5, 833 05 Bratislava, |
| Emergency Numbers Slovakia: | Phone: +421 2 54 774 166 Fax: +421 2 54 774 605 |

Section 2 – Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4)

Serious eye damage (Category 1)

Classification according to European Directive 67/548/EEC as amended.

Harmful if swallowed. Risk of serious damage to eyes.

Labeling according to Regulation (EC) No 1272/2008 [CLP]

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H318

Causes serious eye damage.

Precautionary statement(s)

P280

Wear protective gloves/protective clothing.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Hazard symbol(s)

According to European Directive 67/548/EEC as amended



Hazard symbol(s)

C

Corrosive.

R-phrase(s)

R22

Harmful if swallowed.

R41

Risk of serious damage to eyes.

S-phrase(s)

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39

Wear eye/face protection.

Other hazards

None.

Section 3 – Composition, Information on Ingredients

| CAS# | Chemical Name: | % | EINECS# |
|------------|--------------------|----|-----------|
| 21535-97-7 | 3-METHYLBENZOFURAN | 98 | 244-427-2 |

Classification Acute Tox. 4; Eye Dam. 1;
H302, H318
Xn, R22 - R41

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4 – 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 eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self-contained apparatus breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

| | |
|---|---|
| Personal precautions: | Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. |
| Environmental precautions: | Do not let product enter drains. |
| Methods and materials for containment and cleaning up: | Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. |

Section 7 – Handling and Storage

| | |
|---------------------------------------|---|
| Precautions for safe handling: | Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. |
| Conditions for safe storage: | 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: 2 - 8 °C |

Section 8 – Exposure Controls, Personal Protection

| | |
|---------------------------------------|--|
| Personal protective equipment: | |
| 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). |
| Hand 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 of 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. |
| Eye protection: | Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| Skin and 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. |
| Hygiene measures: | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

Section 9 – Physical and Chemical Properties

Appearance

| | |
|---------|------------|
| Form: | Liquid |
| Colour: | Colourless |

Safety data:

| | |
|------|---------------|
| pH | Not available |
| 4.84 | 3 |

3-METHYLBENZOFURAN
HTC: 29329900900

| | |
|--|----------------------------------|
| Melting Point: | Not available |
| Boiling Point: | 195 - 197 °C at 1.013 hPa |
| Flash Point: | Not available |
| Ignition temperature: | Not available |
| Vapor density: | Not available |
| Explosion Limits: Lower: | Not available |
| Explosion Limits: Upper: | Not available |
| Solubility in water: | Not available |
| Partition coefficient: n-octanol / water | log Pow: 3,181 |
| Refractive index: | 1,5535-1,5555 |
| Optical Rotation: | Not available |
| Relative density: | 1,046 g/cm ³ at 25 °C |
| Molecular Formula: | C ₉ H ₈ O |
| Molecular Weight: | 132.16 g/mol |

Section 10 – Stability and Reactivity

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|---|---|
| Chemical Stability: | Stabile under recommended storage conditions. |
| Conditions to Avoid: | No data available. |
| Materials to avoid: | Strong oxidizing agents. |
| Hazardous Decomposition Products | Carbon oxides. |

Section 11 – Toxicological Information

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|--|--|
| Acute toxicity | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/eye irritation | No data available |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity: | |
| IARC: No component of this product presents 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 | Inhalation - May cause respiratory irritation. |
| Specific target organ toxicity – repeated exposure | No data available |
| Aspiration hazard | No data available |
| Potential health effect: | |
| Inhalation | May be harmful if inhaled. May cause respiratory tract irritation. |
| Ingestion | Harmful if swallowed. |
| Skin | May be harmful if absorbed through skin. May cause skin irritation. |

Eyes Causes eye burns.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available.

Section 12 – Ecological Information

| | |
|--------------------------------------|-------------------|
| Toxicity: | No data available |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| PBT and vPvB assessment | No data available |
| Other adverse effects | No data available |

Section 13 – Disposal Considerations

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|-------------------------------|--|
| Product | Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. |
| Contaminated packaging | Dispose of as unused product. |

Section 14 – Transport Information

| | IATA | IMDG | RID/ADR |
|-----------------------|---------------------|---------------------|---------------------|
| Shipping Name: | Not dangerous goods | Not dangerous goods | Not dangerous goods |
| Hazard Class: | | | |
| UN Number: | | | |
| Packing Group: | | | |

Marine pollutant: No

Section 15 – Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Section 16 – Other Information

Text of H-code(s) and R-phrase(s) mentioned in Section 3

| | |
|------------|----------------------------|
| Acute Tox. | Acute toxicity. |
| Eye Dam. | Serious eye damage |
| H302 | Harmful if swallowed. |
| H318 | Causes serious eye damage. |

| | |
|-----|---------------------------------|
| C | Corrosive. |
| Xn | Harmful. |
| R22 | Harmful if swallowed. |
| R41 | Risk of serious damage to eyes. |

MSDS Creation Date: 24/11/2011

Revision #0 Date: Original

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer:

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.