

**MATERIAL SAFETY DATA SHEET**  
**5-METHYL-2-FURANMETHANOL 97%**

**Section 1 - Chemical Product and Company Identification**

**MSDS Name:** 5-METHYL-2-FURANMETHANOL 97%  
**Catalog Numbers:** 4.95  
**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 2 44 457 645

**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**

According to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4)

Acute toxicity, Dermal (Category 4)

Acute toxicity, Inhalation (Category 4)

Specific target organ toxicity – single exposure (Category 3)

According to European Directive 67/548/EEC as amended.

Harmful by inhalation, in contact with skin and if swallowed.

**Label elements**

Pictogram



Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed.

H312

Harmful in contact with skin.

H332

Harmful if inhaled.

Precautionary statement(s)

P261

Avoid breathing dust/ fume/gas/mist/vapor/spray.

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.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P332+P313

If skin irritation occurs: Get medical advice/ attention.

Hazard symbol(s)	
Xn	Harmful.
R-phrase(s)	
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
S-phrase(s)	
S26	In case of contact with eyes rinse immediately with plenty of water and seek for medical advice.
S36/37/39	Wear suitable protective clothing, glove and eye/face protection.
<b>Other hazards</b>	None.

### Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
3857-25-8	5-METHYL-2-FURANMETHANOL	97	Unlisted

**Classification** Acute Tox. 4; STOT SE 3;  
H302, H312, H332  
Xn, R20/21/22

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

### Section 4 - First Aid Measures

<b>General advice:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>If inhaled:</b>	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
<b>In case of skin contact:</b>	Wash off with soap and plenty of water. Consult a physician.
<b>In case eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>If swallowed:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### Section 5 - Fire Fighting Measures

<b>Suitable extinguishing media:</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special protective equipment for fire-fighters:</b>	Wear self contained apparatus breathing apparatus for fire fighting if necessary.

### Section 6 - Accidental Release Measures

**Personal precautions:** Use personal protective equipment. Avoid breathing vapour, mist

	or gas. Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not let product enter drains.
<b>Methods and materials for containment and cleaning up</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

<b>Precautions for safe handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition –No smoking.
<b>Conditions for safe storage:</b>	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.

## Section 8 - Exposure Controls, Personal Protection

### Personal protective equipment:

<b>Respiratory protection:</b>	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).
<b>Hand protection</b>	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.
<b>Eye protection:</b>	Safety glasses with side-shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards as NIOSH (US) or EN 166 (EU)
<b>Skin and body protection:</b>	Impervious body protection according to the amount and concentration of the dangerous substance at the work place.
<b>Hygiene measures:</b>	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:	Clear liquid
Colour:	Colourless to yellow (darkens on storage)

### Safety data:

<b>pH</b>	Not available
<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	80°C / 15 mm Hg
<b>Flash Point:</b>	Not available
<b>Ignition temperature:</b>	Not available
<b>Explosion Limits: Lower:</b>	Not available
<b>Explosion Limits: Upper:</b>	Not available

<b>Solubility in water:</b>	Insoluble
<b>Refractive Index:</b>	1.4835 – 1.4855
<b>Density:</b>	1.0769 g/cm <sup>3</sup>
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>8</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	112.13 g/mol

### Section 10 – Stability and Reactivity

<b>Chemical Stability:</b>	Stabile under recommended storage conditions. Product darkens on storage.
<b>Materials to avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Hazardous decomposition products under fire conditions. – Carbon oxides.

### Section 11 – Toxicological Information

**Acute toxicity** No data available

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**

Harmful if inhaled.

Causes respiratory tract irritation.

**Ingestion**

Harmful if swallowed.

**Skin**

Harmful if absorbed through skin.

Causes skin irritation.

**Eyes**

Causes eye irritation

**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: No data available

## Section 12 – Ecological Information

<b>Toxicity:</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>PBT and vPvB assessment</b>	No data available
<b>Other adverse effects</b>	No data available

## Section 13 - Disposal Considerations

<b>Product</b>	This combustible material may be burned in a chemical incinerator equipped with an afterburner and a scrubber. Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
<b>Contaminated packaging</b>	Dispose of as unused product.

## Section 14 - Transport Information

	<b>IATA</b>	<b>IMGD</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	TOXIC LIQUID, ORGANIC, N.O.S.	TOXIC LIQUID, ORGANIC, N.O.S.	TOXIC LIQUID, ORGANIC, N.O.S.
<b>Hazard Class:</b>	6.1	6.1	6.1
<b>UN Number:</b>	2810	2810	2810
<b>Packing Group:</b>	III	III	III
		EMS-No: F-A; S-A 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.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
Xn	Harmful.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.

**MSDS Creation Date:** 2/6/2009

**Revision #1:** 30/11/2010

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.