

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifier

Trade name: Methanol  
Brand: DIYChemicals, Chemboys

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

Relevant identified uses: Industrial or Commercial Use only.  
Uses advised against: All other uses.

### 1.3 Details of the supplier of the Safety Data Sheet

Chemboys LLC  
212 Industrial Place,  
Liberty, TX 77575,  
USA

Phone: (855) 243-6722  
E-mail: info@chemboys.com

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to OSHA Hazardous Communication Standard 29 CFR 1910.1200.**

Flammable liquid, category 2  
Acute toxicity (oral), category 3  
Acute toxicity (inhalation), category 3  
Acute toxicity (dermal), category 3  
Specific target organ toxicity (single exposure), category 1

### 2.2 Label elements

**Labelling according to OSHA Hazardous Communication Standard 29 CFR 1910.1200:**



**Signal word:** Danger

### Hazard statements:

H225 Highly flammable liquid and vapor.  
H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.  
H370 Causes damage to organs (eye).

### Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

# Chemboys LLC

## SAFETY DATA SHEET

### Methanol

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P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303+P361+P353 IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330 Rinse mouth.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

### 2.3 Other hazards

None known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture meeting the criteria for classification in accordance with OSHA Hazardous Communication Standard 29 CFR 1910.1200.

### Ingredients:

Name	CAS No.	GHS classification	% (w/v)
Methanol	67-56-1	Flamm. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 STOT SE 1, H370	>99

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**Following inhalation:** Call a physician immediately. If breathing is irregular or stopped, administer artificial respiration.

**Following skin contact:** After contact with skin, wash immediately with plenty of water.

**Following eye contact:** Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

**Following ingestion:** Rinse mouth immediately and drink plenty of water. Call a physician immediately.

**Protection of first aider:** Not applicable.

#### 4.2 Most important symptoms and effects

**Symptoms:** The known symptoms and effects are described in section 2.2 of this SDS.

**Risks:** Untreated symptoms may result in additional health risks.

#### 4.3 Indication of any immediate medical and special treatment

The physician may contact the national poison centre for advice.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media:** No data available.

#### 5.2 Specific hazards arising from mixture

Combustible. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour/air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours may form explosive mixtures with air.

#### 5.3 Advice for fire fighters

##### **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

#### 5.4 Other information

No other information available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 NOTES FOR NON-EMERGENCY PERSONNEL:** Use personal protective equipment as required. Avoid contact with skin, eyes and clothes. Do not breathe vapour/spray. Avoidance of ignition sources.

**6.2 ENVIRONMENTAL PRECAUTIONS:** Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. Danger of explosion.

**Notes for those trained to participate in an emergency:**

**6.3 ACCIDENTAL RELEASE MEASURES:** Covering of drains. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Provision of sufficient ventilation. Use extractor hood (laboratory). Handle and open container with care. Clear contaminated areas thoroughly.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage Conditions:** Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight.

**Incompatible materials:** See section 10.

### 7.3 Specific end uses

See section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No data available.

### 8.2 Exposure controls

#### Engineering controls:

Ensure that eyewash stations and safety showers are close to the workstation location. Handle only in a place equipped with local exhaust (or other appropriate exhaust).

#### Personal Protective equipment:

Hand: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Body protection: Appropriate protective clothing should be worn to prevent skin contact.

Eye: Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.

Respiratory: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Other measures: No statement available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Alcohol like
<b>Odor threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point/range:</b>	No data available
<b>Boiling point/range:</b>	No data available
<b>Flash point:</b>	10 °C
<b>Evaporation rate:</b>	No data available
<b>Flammability:</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Relative Density:</b>	No data available
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidizing properties:</b>	No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

The mixture contains reactive substance(s). Risk of ignition. Vapours may form explosive mixtures with air.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

Danger of explosion: Oxidisers, Perchlorates, Nitrogen oxides (NO<sub>x</sub>), Chlorates, Halogenated hydrocarbons, Hydrogen peroxide, Nitric acid, Sulphuric acid,  
Exothermic reaction with: Reducing agents, Acids, Chlorine, Chloroform, Acid chlorides, inorganic,  
Dangerous/dangerous reactions with: Fluorine, Alkali metals, Alkaline earth metal, strong oxidiser

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**10.5 Incompatible materials**

aluminium, iron, zinc, different plastics, Rubber articles.

**10.6 Hazardous decomposition products**

Hazardous combustion products: see section 5.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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**General information:**

This product does not contain known human carcinogens.

**11.1 Information on toxicological effects**

**Acute Toxicity:**

Toxic if swallowed, in contact with skin or if inhaled.

**Skin corrosion/irritation:**

No statements available for any of the ingredients.

**Serious eye damage/irritation:**

No statements available for any of the ingredients.

**Respiratory or skin sensitization:**

No statements available for any of the ingredients.

**Germ cell mutagenicity:**

No statements available for any of the ingredients.

**Carcinogenicity:**

This product does not contain known human carcinogens.

**Reproductive toxicity:**

No statements available for any of the ingredients.

**STOT – single exposure:**

Causes damage to organs (eye).

**STOT – repeated exposure:**

No statements available for any of the ingredients.

**Aspiration hazard:**

No statements available for any of the ingredients.

**Likely route(s) of exposure:**

Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
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**General information:**

No statements available for any of the ingredients.

#### 12.1 Toxicity

No statements available for any of the ingredients.

#### 12.2 Persistence and degradability

##### Physical- and photochemical elimination:

No statements available for any of the ingredients.

##### Biodegradation:

No statements available for any of the ingredients.

#### 12.3 Bioaccumulative potential

No statements available for any of the ingredients.

#### 12.4 Mobility in soil

##### Known/Predicted environmental distribution:

No statements available for any of the ingredients.

##### Surface tension:

No statements available for any of the ingredients.

##### Adsorption/Desorption:

No statements available for any of the ingredients.

#### 12.5 Results of PBT and vPvB assessment

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Other adverse effects

No statements available for any of the ingredients.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

##### Waste material:

Dispose according to Federal, State, Provincial and Local regulations.

## SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID/IDMG/IATA: UN 1230

**14.2 UN proper shipping name**

ADR/RID/IDMG/IATA: METHANOL

**14.3 Transport hazard class(es)**

ADR/RID/IDMG/IATA: 3

**14.4 Packing group**

ADR/RID/IDMG/IATA: II

**14.5 Environmental hazards**

ADR/RID/IDMG/IATA: Non-regulated

**14.6 Special precautions for user**

No statements available.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable, as product is not shipped in bulk.

<b>SECTION 15: REGULATORY INFORMATION</b>
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**International Inventories**

TSCA: Complies

DSL: All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

**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.

**SARA 311/312 Hazard Categories**

Acute health hazard: Yes

Chronic Health Hazard: Yes

Fire hazard: Yes

Sudden release of pressure hazard: No

Reactive Hazard: No

**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.



**Canada**  
**WHMIS Hazard Class**  
Not determined.

<b>SECTION 16: OTHER INFORMATION</b>
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**Further information**

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.