

Part Number: 12236

**1. PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product Name:** Alcohol, Methanol Anhydrous, ACS  
**Part Number:** 12236  
**CAS-No.:** 67-56-1  
**SDS Number:** 2240
- 1.2 Recommended Use:** Laboratory Chemicals
- 1.3 Company:** Newcomer Supply  
 2505 Parview Road  
 Middleton, WI 53562 USA
- Telephone:** 1-800-383-7799  
**Fax:** 1-608-831-0866  
**Website:** [www.newcomersupply.com](http://www.newcomersupply.com)  
**Email:** [newly@newcomersupply.com](mailto:newly@newcomersupply.com)

24 HOUR EMERGENCY CONTACT  
 CALL CHEMTREC: 1-800-424-9300  
 Contact CHEMTREC only in the event of an emergency involving a chemical spill, leak, fire, exposure or other accident.

**2. HAZARD(S) IDENTIFICATION**

- 2.1 Classification of the substance or mixture**  
**GHS Classification,** (in accordance with 29 CFR1910.1200)  
 Flammable liquid, Category 2  
 Acute toxicity (oral), Category 3  
 Acute toxicity (dermal), Category 3  
 Acute toxicity (inhalation), Category 3  
 Skin irritation, Category 2  
 Serious Eye Damage/Eye irritation, Category 2A  
 Specific Target Organ Toxicity – Single exposure, Category 1

**2.2 GHS Label elements**

**Signal Word** DANGER

**Pictogram**



**Hazard Statement(s):**

- Highly flammable liquid and vapour
  - Toxic if swallowed
  - Toxic in contact with skin
  - Toxic if inhaled
  - Causes skin irritation
  - Causes serious eye irritation
  - Causes damage to organs
- Precautionary Statement(s):**
- Prevention:**
- Keep away from heat/sparks/open flames/hot surfaces – No smoking.
  - Keep container tightly closed.
  - Ground/bond container and receiving equipment.
  - Use explosion-proof fume hood/electrical/ventilating/light equipment.
  - Use only non-sparking tools.
  - Take precautionary measures against static discharge.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Wash skin thoroughly after handling.
  - Do not eat, drink or smoke when using this product.
  - Do not breathe dust/fume/gas/mist/vapours/spray.
  - Use only outdoors or in a well-ventilated area.

**Response:**

- In case of fire use carbon dioxide, dry chemical or alcohol-resistant foam.

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- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- If skin irritation occurs: Get medical advice/attention.
- 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 SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Rinse mouth.
- Specific treatment: see first aid measures in section 4.
- IF exposed: Call a POISON CENTER or doctor/physician.

**Storage:**

- Store in a well ventilated place. Keep cool.
- Keep container tightly closed.
- Store locked up.

**Disposal:**

- Dispose of contents/ container to an approved waste disposal plant.

**2.3 Description of any hazards not otherwise classified**      None

**2.4 >1% of mixture with unknown acute toxicity**      None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

**Hazardous Components**

Component		Concentration
Name	Methyl Alcohol	
CAS-No.	67-56-1	99-100%

### 4. FIRST-AID MEASURES

#### 4.1 Description of necessary measures

**Inhalation (breathing)**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed: Call a POISON CENTER or doctor/physician.

**Skin Contact**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**Eye Contact**

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.

**Ingestion (swallowed)**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

#### 4.2 Most important symptoms and or effects, acute and delayed

The most important symptoms/effects are presented in Section 2 and or Section 11.

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

No data available

### 5. FIRE-FIGHTING MEASURES

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**5.1 Suitable extinguishing media**

Carbon dioxide, dry chemical, water spray, alcohol-resistant foam.

**5.2 Specific hazards arising from the substance or mixture**

No data available

**5.3 Protective equipment and precautions for fire-fighters**

Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

**NFPA Rating**

Health	Fire	Reactivity
hazard: 1	hazard: 3	hazard: 0

**6. ACCIDENTAL RELEASE MEASURES**
**6.1 Personal precautions, protective equipment and emergency procedures**

Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing vapors. Avoid skin contact. Avoid eye contact. Wash hands after use. In case of large spill, remove personnel to a safe area. Keep product away from heat, flame, ignition sources, and reactive materials. Avoid accumulation of vapor to form explosive concentration. Pay particular attention to low areas where vapor accumulates more easily.

**6.2 Methods and material for containment and cleaning up**

Apply personal protective equipment (see Section 8). Contain spill. Prevent further leakage if possible and safe to do so. Ensure proper ventilation. For small amounts, wipe or absorb spill using inert material and dispose of according to local regulations. For large amounts, evacuate area and limit access. Prevent entry of material into sewage drains and confined areas. Dispose of any contaminated materials according to local regulations. Eliminate sources of ignition.

**7. HANDLING AND STORAGE**
**7.1 Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection.

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

Refer to Section 2.2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control Parameters**

Components with limit values that require monitoring at the workplace

Component	CAS-No.	Regulatory	Value	Parameters
Methyl Alcohol	67-56-1	OSHA PEL	TWA	200 ppm (260 mg/m <sup>3</sup> )
		ACGIH TLV	TWA	200 ppm (262 mg/m <sup>3</sup> )
		ACGIH TLV	STEL	50 ppm (328 mg/m <sup>3</sup> )
		NIOSH REL	TWA	200 ppm (260 mg/m <sup>3</sup> )
		NIOSH REL	STEL	250 ppm (325 mg/m <sup>3</sup> )

**8.2 Exposure Controls**
**Appropriate engineering controls**

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Use in a properly ventilated area. Remove/wash before reuse contaminated clothing. Wash hands upon exiting work premises. Use product in an appropriately designated fume hood. Take measures to keep concentrations below acceptable limits.

**8.3 Personal Protective Equipment**
**Eye/Face protection**

Wear chemical safety goggles and/or a full face shield if splashing is possible. Keep eye wash fountain nearby.

**Skin Protection**

Wear chemical-resistant gloves. Gloves should be resistant to components of product. Refer to glove manufacturer for appropriate type and glove thickness.

**Body Protection**

No data available

**Respiratory Protection**

Respirators should only be used if the employer has implemented a written program that takes into account workplace conditions, requirements for worker training, respirator fit testing, and medical exams, as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Where the potential exists for exposure over 200 ppm, use a NIOSH approved supplied-air respirator with a full facepiece operated in a pressure-demand or other positive-pressure mode. For increased protection use in combination with an auxiliary self-contained breathing apparatus or an emergency escape air cylinder.

Exposure to 6,000 ppm is immediately dangerous to life and health. If the possibility of exposure above 6,000 ppm exists, use a NIOSH approved self-contained breathing apparatus with a full facepiece operated in a pressure-demand or other positive-pressure mode equipped with an emergency escape air cylinder.

In case of emergency, entry into unknown concentrations, or escape, wear a self-contained positive-pressure breathing apparatus.

**Other Information**

None

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

Physical state	Colorless liquid
Odor	Strong alcoholic odor
Odor threshold	No data available
pH	No data available
Melting point/freezing point	-97.8°C (-144.0°F)
Initial boiling point and boiling range	64.6°C (148.3°F)
Flash point	11.0°C (51.8°F) Closed cup
Evaporation rate	4.6
Flammability (solid, gas)	Flammable liquid
Upper flammability or explosive limits	36%
Lower flammability or explosive limits	6%
Vapor pressure	96 mm Hg
Vapor density	No data available
Relative density	0.79
Solubility(ies)	Water soluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available

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 Decomposition temperature  
 Viscosity

 No data available  
 No data available

**10. STABILITY AND REACTIVITY**
**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable in a closed container within label-specified storage temperature and expiration date.

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

Heat, sparks, open flame, and ignition sources.

**10.5 Incompatible materials**

Oxidizing agents (such as perchlorates, peroxides, permanganates, chlorates, nitrates, chlorine, bromine and fluorine); alkyl aluminum salts; acetyl bromide; chromic anhydride; mixtures of chloroform and sodium hydroxide; phosphorus trioxide; mixtures of sulfuric acid and hydrogen peroxide; isocyanates; metals (such as lead, magnesium and potassium); and nitric acid.

**10.6 Hazardous decomposition products**

Carbon dioxide and carbon monoxide may be released if product is heated to decomposition.

**11. TOXICOLOGICAL INFORMATION**
**11.1 Information on toxicological effects**
**Inhalation exposure**

Inhaling methyl alcohol can irritate the nose, throat and lungs causing coughing, wheezing and/or shortness of breath.

**Oral exposure**

Oral exposure to methyl alcohol can cause nausea, vomiting, diarrhea and abdominal pain. Exposure to high concentrations can cause headache, dizziness, drowsiness, fatigue, loss of consciousness and death.

**Dermal exposure**

Contact can irritate the skin.

**Skin corrosion/irritation**

Prolonged or repeated exposure can cause drying and cracking of the skin with peeling, redness and itching.

**Serious eye damage/irritation**

Contact can irritate the eyes.

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Reproductive toxicity**

Methyl alcohol may be a TERATOGEN in humans since it is a teratogen in animals.

**Specific target organ toxicity - single exposure**

Exposure may affect the liver, kidneys, and the nervous system.

**Specific target organ toxicity - repeated exposure**

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No data available

**Aspiration hazard**

No data available

**Acute toxicity**

LD50 rat oral 1000-2000 mg/kg

LD50 rabbit dermal 20 ml/kg

LC50 rat inhalation 64,000 ppm/4 hours

**Carcinogenicity**

IARC: None of the components are listed

NTP: None of the components are listed

OSHA: None of the components are listed

**Additional information**

RTECS: No data available

**12. ECOLOGICAL INFORMATION**
**12.1 Ecotoxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS**
**13.1 Waste disposal methods**
**Contents**

Dispose of contents in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of packaging in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

**14. TRANSPORT INFORMATION**
**14.1 DOT (US)**
**UN-Number**
**Proper shipping name**
**Hazard class**
**Packing group**
**Environmental hazards**

No data available

**15. REGULATORY INFORMATION**
**15.1** No data available.

**16. OTHER INFORMATION**

Preparation Information



# SAFETY DATA SHEET (SDS)

Revision Date: 10/16/2017

Version 1.4

Part Number: 12236

Newcomer Supply Inc.

800-383-7799

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Version: 1.0

Date of Issue:

Revision Date: