

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 509.10

Revision Date: December 13, 2013

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Methyl Alcohol Solution

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 5). May be harmful if swallowed (H303).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

| Component Name | CAS Number | Formula            | Formula Weight | Concentration |
|----------------|------------|--------------------|----------------|---------------|
| Methyl alcohol | 67-56-1    | CH <sub>3</sub> OH | 32.04          | <2%           |
| Water          | 7732-18-5  | H <sub>2</sub> O   | 18.00          | >98%          |

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solution.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**  
None  
established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Remove all ignition sources and ventilate area. Contain spill with sand or other inert absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines, and amides.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection (P280). Wash thoroughly after handling (P264).

Exposure guidelines: (as methyl alcohol) PEL/TLV 200 ppm (OSHA, ACGIH), STEL 250 ppm (ACGIH) Readily absorbed through the skin.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Clear, colorless liquid. Slight alcohol odor.

Soluble: Miscible with water, alcohol, and ether.

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with acids, acid chlorides, acid anhydrides, oxidizers, reducers, and alkali metals.

Shelf life: Indefinite, if stored properly.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: irritation eyes, skin; headache, drowsiness, dizziness, nausea, vomiting; visual disturbance, dermatitis

Chronic effects: Optic nerve damage (blindness)

Target organs: Eyes, skin, respiratory system, CNS, GI tract

ORL-RAT LD<sub>50</sub>: 5628 mg/kg as methyl alcohol

IHL-RAT LC<sub>50</sub>: 64000 ppm/4H as methyl alcohol

SKN-RBT LD<sub>50</sub>: 15800 mg/kg as methyl alcohol

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26b is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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Not listed.

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**SECTION 16 — OTHER INFORMATION**

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.