

## 1. IDENTIFICATION

### 1.1 Product Identifiers

Product Name: Sour Solution  
Alternative names: Sour water solution  
Product Number: 8-4EA, 1280-3EA

1.2 Relevant identified uses of the substance or mixture and uses advised against identified uses: For laboratory and educational use only

### 1.3 Details of the supplier of the safety data sheet

Company: LAB-AIDS\*, Inc, 17 Colt Ct., Ronkonkoma, NY 11779, USA  
Telephone: +1 800 381 8003  
Fax: +1 631 820 8268

1.4 Emergency telephone number: Emergency number: CHEMTREC 1 800 424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS classification  
Not hazardous substance or mixture

### 2.2 Label elements, including precautionary statements

Signal word: Not classified  
Hazards statements: Not classified  
Precautionary statements: Not classified

Pictogram: Not classified

2.3 Hazards not otherwise classified: none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: Not applicable

### 3.2 Mixture

Chemical Name	Product identifier	%	GHS US classification
Water	CAS# 7732-18-5	N/A	Not classified
Acetic acid	CAS# 64-19-7	N/A	Flam. Liq. 3, H226; Skin Corr. 1A, H314, Eye Dam. H318

3.3 Chemicals where a trade secret is claimed: Concentration of the mixture

## 4. FIRST AID MEASURE

### 4.1 Description of the first aid measure:

**INGESTION:** Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if necessary.

**INHALATION:** Remove to fresh air. Get medical attention if necessary.

**EYE CONTACT:** Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if necessary.

**SKIN CONTACT:** Flush thoroughly with mild soap and water. Remove contaminated clothing. Get medical attention if necessary.

4.2 Most important symptoms and effects, both acute and delayed: Refer to section 11

4.3 Indication of any immediate medical attention and special treatment needed: No additional information available

## 5. FIREFIGHTING MEASURES

5.1 Extinguishing media: Nonflammable liquid

Suitable extinguishing media: Use TriClass, dry chemical extinguisher for surrounding fires.

5.2 Special hazard arising from the substance or mixture: Not available

5.3 Advice for firefighters: Use self-contained breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear laboratory grade gloves, eye protection and a lab coat

6.2 Emergency procedures: Restrict unprotected personnel from the area.

6.3 Methods and material used for containment and cleanup procedure: Mop up the area

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling: Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Use only under adult supervision. Use with adequate ventilation. Wash hands thoroughly after handling.

7.2 Storage: Keep container in cool, well-ventilated area.

7.3 Incompatibility: Refer to section 10.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters:** ACGIH: TWA: 25g/m<sup>3</sup> (acetic acid)

**8.2 Exposure controls:** Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits.

**Respiratory protection:** Non should be needed if normal laboratory handling at room temperature

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance:** Clear.

**Odor:** Not available

**pH:** Not available

**Vapor Pressure ( mm Hg):** Not available

**Vapor Density:** Not available

**Evaporation Rate:** Not available

**Viscosity:** N/A

**Flash point:** N/A

**Autoignition:** N/A

**Boiling point:** Not available

**Melting point:** Not available

**Freezing point:** Not available

**Decomposition temp:** Not available

**Solubility:** Not available

**Specific gravity (H<sub>2</sub>O = 1):** Not available

**Percent volatile (%):** 100%

**Molecular formula:** Mixture

**Molecular weight:** Mixture

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Not available.

**Incompatibilities:** Not available

**Hazardous decomposition:** Not available.

**Hazardous polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Eyes: No data available. Skin: No data available. Inhalation: No data available. Ingestion: No data available

**Toxicological data**

ORL-RAT LD<sub>50</sub>: Not available

IHL-RAT LD<sub>50</sub>: Not available

SKN-RABBIT LD<sub>50</sub>: Not available

**Carcinogenicity:**

California prop 65: Not classified

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATION

Disposal of in accordance with all local, state, and federal regulations, or contact wrth a licensed chemical disposal agency.

## 14. TRANSPORT INFORMATION

**UN number:** N/A

**Shipping name:** N/A

**Hazard Class:** N/A

**Packing group:** N/A

**Exceptions:** Ltd Qty N/A

## 15. REGULATORY INFORMATION

TSCA-listed.

## 16. OTHER INFORMATION

**Disclaimer:**

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