

## Section 1. Product and Company Identification

Item Number: C800-160Z  
 Common Name: Acetic Acid Glacial  
 Intended Use: In Vitro Diagnostic use. Laboratory Use Only  
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer: Poly Scientific R&D Corp

70 Cleveland Ave  
 Bay Shore, NY 11706  
 631-586-0400  
 polyrnd@polyrnd.com  
 www.polyrnd.com

## Section 2. Hazard Identification

226 Flammable Liquids Cat 3  
 314 Skin corrosion/irritation Cat 1A, B, C  
 332 Acute toxicity, inhalation Cat 4



Danger

Flammable liquid and vapour.  
 Causes severe skin burns and eye damage. Harmful if inhaled.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Wash hands/skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Store in a well-ventilated place, cool and locked up.  
 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

## Section 3. Composition Information

Exposure Limits(A blank value indicates no information available)

| Component            | CAS#    | PEL(mg/m <sup>3</sup> ) | STEL(mg/m <sup>3</sup> ) | CEIL(mg/m <sup>3</sup> ) | Concentration Range |
|----------------------|---------|-------------------------|--------------------------|--------------------------|---------------------|
| Acetic Acid, Glacial | 64-19-7 | 15.00                   | 10.00                    |                          | 0-5%                |

## Section 4. First Aid Measures

Eye Contact: Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention

Ingestion: Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention

Inhalation: Move person to fresh air. If necessary give CPR: warning this could pose a risk of exposure to the rescue breather. Seek medical attention

The most important known symptoms and effects are described in section 2 and/or section 11.

## Section 5. Fire Fighting Measures

Extinguishing Media: Dry Chemical Powder, Alcohol Foam, Water Spray or Fog

Special Fire and Explosion Remarks: N/A

## Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special: Caution! Corrosive, neutralize with Sodium Bicarbonate or similar

Spill Cleanup: Take up spills with absorbant material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

## Section 7. Handling and Storage

Storage and Handling Special: Refrigerate

Storage and handling: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

## Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment: Gloves, Splash Goggles, Vapor Respirator, Apron

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

## Section 9. Physical and Chemical Properties

|                           |                                |                             |
|---------------------------|--------------------------------|-----------------------------|
| Appearance .....          | Evaporation Rate .....         | Water Soluable? .....       |
| Odor .....                | Upper Flammability Limit (%):  | Volatile Percent .....      |
| Odor Threshold .....      | Lower Flammability Limit (%):  | Partition Coefficient ..... |
| pH .....                  | Specific Gravity (@ 20C) ..... | Auto Ignition Temp .....    |
| Melting Point .....       | Vapor Pressure (mm Hg) .....   | Decomposition Temp .....    |
| Boiling Point .....       | Vapor Density (Air=1) .....    | Viscosity .....             |
| Flash Point (F) TCC ..... | Relative Density .....         |                             |

**Section 10. Stability and reactivity**

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

**Section 11. Toxicological Information**

Routes of Entry: Inhalation, Skin absorption, Ingestion

Animal Toxicity: Acute Oral (LD50): 3310 mg/kg (Rat); Acute Dermal(LD50): 1060 mg/kg (Rabbit); Acute Vapor(LC50): 5620 1hr(mouse)

Human Toxic Effects: Target Organs: Lungs, mucous membranes, upper respiratory tract, skin, eyes, teeth

Potential Acute Health Effects: Hazardous in case of eye, skin contact, inhalation, ingestion

Potential Chronic Health Effects: Mutagenic for yeast and bacteria. Repeated exposure can produce target organ damage.

**Section 12. Ecological Information**

Ecological Information: N/A

**Section 13. Disposal Considerations**

Waste Disposal: Dispose of in accordance with local, state and federal laws.

**Section 14. Transport Information**

DOT Identification: UN2789, Acetic Acid, Glacial; 8 II

**Section 15. Regulatory Information**

State Regulations: New York release reporting list: Acetic Acid

## Sara Section 311 Reporting

| Component            | CAS#    | Acute | Chronic | Fire | Pressure | Reactive | SARA 302 | SARA 313 | CERCLA | RCRA |
|----------------------|---------|-------|---------|------|----------|----------|----------|----------|--------|------|
| Acetic Acid, Glacial | 64-19-7 | No    | No      | No   | No       | No       | No       | No       | Yes    | No   |

**Section 16. Other Information**

Review Date: 12/17/2015

Reviewed by: ddi

MSDS Group Id: 1

Notice: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here.

It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

While this MSDS is based on reliable technical data, Poly Scientific R&amp;D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.