

# SAFETY DATA SHEET

## SECTION 1 --- IDENTIFICATION

Product Name: Laboratory Proficiency sample Acidity  
Common Synonyms: Acidity Proficiency sample  
Part numbers: LPS-AC  
Product Use: Laboratory Reagent, Laboratory Proficiency sample  
Restrictions: Not for human consumption. Intended for laboratory use only.

Manufacturer/Supplier:  
**Bion Analytical**  
**P.O. Box 85252**  
**Sioux Falls, SD 57118**  
**TEL: (605) 838-6679**

**In Case of EMERGENCY Call INFOTRAC: (800) 535-5053**

## SECTION 2 --- HAZARD IDENTIFICATION

Not considered hazardous according to GHS classifications.

## SECTION 3 --- COMPOSITION/INFORMATION ON INGREDIENTS

Not a hazardous mixture according to OSHA.

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>
Water	7732-18-5	>99.9%
Acetic Acid	64-19-7/200-580-7	<0.10%

## SECTION 4 --- FIRST AID MEASURES

### Emergency and First Aid Procedures

INGESTION: Rinse mouth with water. Seek medical advice if needed.  
INHALATION: Supply fresh air. If required provide artificial respiration. Seek medical advice if needed.  
SKIN CONTACT: Wash with water and soap and rinse thoroughly. Seek medical advice if needed.  
EYE CONTACT: Rinse opened eye for several minutes under running water. Seek medical advice if needed.

## SECTION 5 --- FIRE-FIGHTING MEASURES

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.  
Toxic Gases Produced: N/A  
Protective equipment: Wear self-contained respirator if necessary.

## SECTION 6 --- ACCIDENTAL RELEASE MEASURES

### Steps to be Taken in the Event of a Spill or Discharge

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Avoid breathing vapors.

## SECTION 7 --- HANDLING AND STORAGE

### Storage Requirements

Keep container tightly closed. Store in a cool, dry, well-ventilated area. Wash thoroughly after use.

## SECTION 8 --- EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL (Acetic Acid): TWA 10 ppm  
Eye/Face Protection: Safety glasses  
Protective Clothing: Coat  
Protective Gloves: Use chemically resistant gloves.  
Ventilation: Use in a well ventilated area.

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Wash thoroughly after use.

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## SECTION 9 --- PHYSICAL and CHEMICAL PROPERTIES

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Boiling Point: Not determined  
Melting Point: Not determined  
Specific Gravity: ~ 1 (Water = 1)  
Physical State: Clear, colorless liquid  
Vapor Pressure (mmHg): Not determined  
Vapor Density (air=1): N/A  
Evaporation Rate: N/A  
Flash Point (Closed Cup): not determined  
Auto ignition Temperature: not determined  
Flammable Limits: Upper - not determined  
Lower - not determined

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## SECTION 10 --- STABILITY AND REACTIVITY

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Stability: Stable  
Conditions to Avoid: No data  
Incompatibles: N/A  
Decomposition Products: N/A

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## SECTION 11 --- TOXICOLOGICAL INFORMATION

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LD<sub>50</sub>, Acute Oral, Rat: (Acetic Acid) 3,310 mg/kg; LD<sub>50</sub>, Acute Toxicity of Vapor, Muskrat (Acetic Acid) 5,620 ppm in 1 hour

Acetic Acid: RTECS# AF1225000

Not all chemical, physical and toxicological properties have been thoroughly investigated.

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## SECTION 12 --- ECOLOGICAL INFORMATION

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No ecological information available for this product.

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## SECTION 13 --- DISPOSAL CONSIDERATIONS

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### Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

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## SECTION 14 --- TRANSPORT INFORMATION

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### Domestic (D.O.T.)

This product is not classified as a dangerous good.

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## SECTION 15 --- REGULATORY INFORMATION

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This product does not contain any chemical known to the State of California to cause cancer, birth defects or any other reproductive harm.

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## SECTION 16 --- OTHER INFORMATION

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Revision Date: 5/20/2015

N/A = Not Applicable or Not Available

N/E = Not Established

The information in this Material Safety Data Sheet meets the requirements of the United States

# **SAFETY DATA SHEET**

OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated there under (29 CFR 1910.1200 et. seq.) and the Canadian WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Bion Analytical be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Bion Analytical has been advised of the possibility of such damages.*