BIC LSY

HC# 58

HealthLink
A Family of Medical Products

MSDS

Acetic Acid Solution (5-10%)

Section 1: Identification

Product Name: Acetic Acid 5-10% Solution
Product Catalog No: 400440, 400450, 400452
Emergency Phone at Infotrac: (800) 535-5053
Date Prepared: 03/07/02

Section 2: Composition

Hazardous Component(s):	CAS Number	OSHA PEL, ACGIH TLV/STEL (PPM)		NFPA
				Health 2
Acetic Acid 5-10% w/v	# 64-19-7	15	10/15	Flammability 0
(Values are for Glacial Acetic)				Reactivity 0

Section 3: Physical Data

Boiling Point:	~ 212 °F	*Specific Gravity (H_20 = 1):*	~1
Vapor Pressure mm Hg/20°C:	NE	*Percent Volatile by Vol:*	NA
Vapor Density (Air 1:1)	NE	*Evaporation Rate (ether = 1):*	>1
Solubility in H20:	Complete	*Appearance & Odor:*	Clear liquid, pungent odor

Section 4: Fire and Explosion Hazard

Flash Point: Non-Flammable *Flammable Limits:* LEL: NE UEL: NA

Extinguishing Media: Water spray, dry chemical, CO_2 and foam

Special Firefighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream

Unusual Fire & Explosion Hazards: None known

Section 5: Reactivity

Stability: Stable *Material to Avoid:* Reducing agents, metals, most powdered metals and strong acids

Hazardous Decomposition or Byproducts: Oxides of carbon

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal Laboratory Care

Section 6: Health Hazards

Routes of Entry: Inhalation, skin and ingestion *Target Organs:* Respiratory system

Acute/Chronic: Product is not expected to cause health hazards when utilizing Good Laboratory Practices.

Carcinogenicity: Not classified as a human carcinogen

Signs/Symptoms of Exposure: Skin, eyes and respiratory irritation

For Technical Service Call 800-638-2625

I-439351 C-400440
I-439352 C-400450
I-446694 C-400452

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Section 6: Health Hazards cont'd
Emergency First Aid:

Skin: Remove contaminated clothing and wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth thoroughly with water provided person is conscious. Contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 7: Safe Handling

Chemical Release or Spill: Isolate the spill area with sand or other absorbent material. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and/or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storage: Normal Laboratory Care.

Section 8: Control Measures

Respiratory Protection: Not normally required.

Ventilation: Mechanical or general exhaust is sufficient.

Protective Gloves: Chemical resistant. *Eye Protection:* Safety glasses.

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The information listed here is believed to be correct and does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

HealthLink
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