



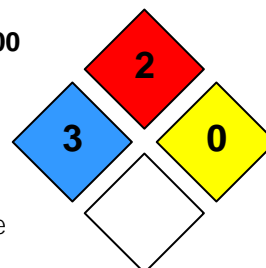
Colonial Chemical Solutions, Inc.

Material Safety Data Sheet – Acetic Acid

SECTION I - PRODUCT IDENTIFICATION

Manufacturers Address:
916 West Lathrop Avenue
Savannah, Georgia 31415

CHEMTREC – 24HR Emergency Telephone 1-800-424-9300
Information Phone: (912) 443-6702
Date Prepared: 19 Sept 08
Preparer: F.Spaeth



Synonym: Glacial Acetic Acid
Chemical Family: Acid

NFPA Rating
0- Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	TLV	PEL
Acetic Acid	64-19-7	84	25 mg/m ³	25 mg/m ³

SECTION III - HAZARDOUS IDENTIFICATION

Potential Acute Health Effects: Causes to eye, skin respiratory tissue damage.
Potential Chronic Health Effects: Corrosive to the digestive tract.

SECTION IV - PHYSICAL and CHEMICAL PROPERTIES

Boiling Point Range: 245°F	Vapor Density (Air=1): 2.1
pH: N/A	Vapor Pressure (mmHg): 1.52
Solubility In Water: Complete	VOC %: 100
Appearance/Odor: Clear colorless liquid with vinegar odor.	Specific Gravity (H₂O=1): 1.04
Melting Point/Freezing Point: 62 °F	

SECTION V - FIRE FIGHTING MEASURES

Flash Point: 65 °F
Auto Ignition: 865 °F
Extinguishing Media: Water spray, dry chemical, carbon dioxide or compatible foam are recommended.
Flammable Limits: Lower: 4 Upper: 16
Fire Fighting Procedures: Cool fire-exposed containers with water spray to prevent container weakening and possible rupture. Do not enter confined spaces without self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing. Do not fight fire when it reaches material. Withdraw from fire and allow to burn.
Unusual Fire and Explosion Hazards: Combustible liquid and vapors. Vapors are heavier than air. Vapors may travel across the ground and reach an ignition source.

SECTION VI - STABILITY AND REACTIVITY

Stability: Stable under normal use conditions.
Conditions to Avoid: This material should be stored away from oxidizing materials and strong bases.
Incompatibility: Avoid contact with oxidizing agents, reducing agents.
Hazardous Decomposition Products: Oxides of Carbon.
Hazardous Polymerization: Will not occur.



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SECTION VII - STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Do not use in confined spaces. Always store in tightly sealed, properly labeled, original container. Avoid breathing vapors or mist. Store in a cool, dry well ventilated area. Keep away from heat and open flames. Ground drums when transferring or pouring material to prevent static electrical sparks.

Other Precautions: Store in a segregated and approved area.

SECTION VIII - HEALTH AND FIRST AID

Skin: Corrosive. Causes skin burns.

Eyes: Corrosive. Causes eye damage.

Inhalation: Causes respiratory tract burns.

Ingestion: Causes severe irritation or burns of the mouth, throat, and esophagus.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes. Get immediate medical attention.

Skin: Wash skin with soap and water. Remove contaminated clothing. Get immediate medical attention.

Inhalation: For excessive inhalation remove to fresh air. Get immediate medical attention.

Ingestion: DO NOT induce vomiting. Drink large amounts of water. Get immediate medical attention.

SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Eye Protection when pouring. Goggles, safety glasses with side shields or full-face shield are recommended.

Respiratory Protection: Where adequate ventilation is not available a certified respirator (organic vapor) must be worn. In confined areas, use a self-contained breathing apparatus.

Skin Protection: Wear gloves, clothing and footwear that cannot be penetrated by chemicals or oil.

Ventilation: General Mechanical ventilation to prevent TLV from exceeding control limits.

Protective Clothing: Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other protective items.

Other Equipment: Eye wash station and drench shower in close proximity to use are advised

SECTION X - ACCIDENTAL RELEASE MEASURES

Small Spill: Stop source of spill. Absorb on inert media and collect into suitable container.

Large Spill: Shut off or plug source of spill. Dike area to contain spill. Vacuum pump as much liquid as possible into a suitable container. Absorb residual on inert media and collect into suitable container.

Personal Protection in Case of Large Spill: Splash goggles. Full Suit. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

SECTION XI - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Avoid contact of spilled material and runoff with soil and surface waterways.

Salvage as much material as possible. Absorb residual on inert material and dispose of in an approved container.

Follow local, state and federal regulations for disposal.



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SECTION XII · TRANSPORTAION

Proper Shipping Name: Acetic Acid Solution
Hazard Class: 8
UN Number: 2789
Packaging Group: II
Labels: Not Determined

SECTION XIII · TOXICOLOGY

Carcinogenicity: No component of this product at levels grater than 0.1% is classified by established regulatory criteria.
Mutagenicity: No component of this product at levels grater than 0.1% is classified by established regulatory criteria.
Reproductive: No component of this product at levels grater than 0.1% is classified by established regulatory criteria.
Sensitization: May be sensitive to some individuals with rare allergic reaction.

SECTION XIV · REGULATORY

RMP/PSM: Not Listed.
CERCLA-RQ: 5000 lbs.
EPCRA 311/312: This product does not contain any hazardous ingredients at or above regulated thresholds.
EPCRA 313: This product does not contain any hazardous ingredients at or above regulated thresholds.
FIFRA: No documented information found.
RCRA-CODE: No Hazardous Waste Identification.
TSCA: Listed on inventory

SECTION XV · OTHER INFORMATION

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.