

CLAYTON CHEMICAL COMPANY 13310 S. FIGUEROA ST. LOS ANGELES, CA 90061 (310) 538-9530 FAX: (310) 515-6517

SECTION I - Identification

Product Name: Acetic Acid Glacial - 99%

MSDS: unassigned.
Date: January 10, 1992.

Formula: unassigned

Chemical Family: Aqueous Acidic Solution

Medical Emergency Telephone:

Transportation Emergency Telephone: (Chemtrec) 1 (800) 424-9300

SUPERSEDE: unassigned.
SUPERSEDE DATE: April 11, 1991.

SECTION II - Hazardous Components (Typical Values)

Ingredients :	CAS NO.	WT%	ACGIH(TLV)	OSHA(PEL)
Acetic Acid	64-19-7	99	10 ppm	10 ppm

SECTION III - Physical / Chemical Data

Boiling Point:	244.6°F	Solubility in Water (by Weight%):	100%
Melting Point:	61.9° F (freezing)	Specific Gravity (H ₂ O=1):	1.05
Vapor Pressure:	11.65 mm Hg	Composite Vapor Pressure:	Not Applicable
Vapor Density (AIR=1):	2.07	Appearance:	Clear and colorless
Evaporation Rate:	Same as water	Odor:	Slight sulfur dioxide
Volatile Fraction by Weight:	Same as water		
Volatile Organic Compound:	Not Applicable		

SECTION IV - Fire and Explosion Hazard Data

Flash Point: 109°F Open Cup.

Flammable Limits in Air: Lower: 5.40 Upper: 16.0

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam or water fog.

Special Fire Fighting Procedures: Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus, full protective clothing. Decontaminated equipment after use.

Unusual Fire and Explosion Hazards: Hydrogen, a highly flammable and explosive gas, is generated by the action of the acid on most materials.

SECTION V - Health Hazard Data / Sara - Title III Hazard Categories

A. Acute Exposure Effects (Note: Pertains to finished Product)

- Eye contact: Cause severe irritation and burns.
- Skin contact: Cause severe irritation, burns and blistering.
- Inhalation: Inhalation of mist cause respiratory irritation.
- Ingestion: Cause irritation of the mucous membranes or digestive tract, and severe stomach pain.

C. First Aid (Applies to finished Product)

- Eyes: Immediately flush with plenty of running water for at least 15 minutes; Obtain medical attention.
- Skin: Flush affected areas promptly with water for 15 minutes. Remove contaminated clothing.
- Inhalation: For overexposure, remove to fresh air.
- Ingestion: Do not induce vomiting. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

D. Chronic Health Effects (Note: Pertains to each ingredient listed in section 2 per 29 CFR Sect. 1910.1200)

All Other Ingredients in Section II

-A computerized literature search of national databases did not yield any chronic effects associated with these materials.

-Carcinogenicity Listing: NTP= No IAR= No OSHA= No

SECTION VI - Reactivity Data

Acetic Acid Glacial 99%

Stability: Stable.
 Incompatibility: Strong alkalis, oxidizers, common metals.
 Hazardous Decomposition Products: Carbon monoxide and dioxide, organic compounds in black smoke.
 Hazardous Polymerization: Will not Occur.

SECTION VII - Disposal Information

Spill, Leak, or Release

NOTE: Review Section IV and Section VIII before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sand, oil dry or other absorbent material. Spill may be neutralized with powdered Sodium Carbonate.

Waste Disposal

Recover nonusable free liquid and/or contaminated water, and dispose of in an approved and permitted treatment system. Remove nonusable solid material and/or contaminated soil, for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pretreatment.

SECTION VIII - Special Protection Information

- A. Respiratory Protection: Sufficient room ventilation.
- C. Skin and Eye Protection: Splash protection is suggested, e.g., eyeglasses with side shields, gloves and aprons.

SECTION IX - Storage Conditions

Store in well ventilated area. Keep container tightly closed. Do not store with incompatible materials (See Section VI). Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

SECTION X - Hazardous Transportation Regulations

DOT: DOMESTIC IMO/ICAO: INTERNATIONAL
 Hazard Class: CORROSIVE
 Proper Shipping Name: ACETIC ACID
 UN Number: UN2789
 Label: CORROSIVE

SECTION XI - Hazard Communication

0 = Insignificant	HEALTH	=2
1 = Slight	FLAMMABILITY	=2
2 = Moderate	REACTIVITY	=1
3 = High	SPECIAL	
4 = Extreme		

SECTION XII - TSCA Information

TSCA Listing: All ingredients in this finished product are listed on the EPA TSCA Inventory (See Section II).

SECTION XIII - Federal EPA-SARA Title III Notification

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (FOR SARA 313).

Components present in this product at a level which could require reporting under the statute are:

Chemical	Cas No.	Upperbound Concentration - %
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NONE

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