SAFETY DATA SHEET

CORROSIVE STORAGE CODE WHITE

Page E1 of E2

Section 1 Chemical Product and Company Identification

	Si 00 West Henrietta Rd PO Box 92912 Rochester, NY 14692-9012 Tel: (800) 962-2660	CHEMTREC 24 Hour Emergency USA Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.
Product	ACETIC ACID, GLACIAL	
Synonyms	Ethanoic Acid / Methanecarboxylic Acid / Glacial Acetic Acid	
Section 2	Hazards Identification	
Pictograms Target orga GHS Class Flammable Skin corrosi Eye damag GHS Label H226: Flam	d: DANGER :: GHS02 / GHS05 ans: Respiratory system, Eyes, Skin, Teeth ification: liquid (Category 3) ion (Category 1A) e (Category 1) information: Hazard statement: mable liquid and vapour. ses severe skin burns and eye damage.	 Precautionary statement: P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233: Keep container tightly closed. P241: Use explosion-proof electrical/ventilating/lighting equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P260: Do not breathe mist/vapours/spray. P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a POISON CENTER or doctor. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378: In case of fire: Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish. P403+P235: Store in a well-ventilated place. Keep cool. P405: Store locked up. P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3	Composition / Information on	Ingredients			
Chemical Name		CAS #	%	EINECS	
Acetic acid		64-19-7	99.8%	200-580-7	
Section 4	First Aid Measures				

INGESTION: HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE CORNEAL BURNS. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY CAUSE SKIN IRRITATION AND/OR BURNS. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical, dry sand, alcohol foam.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This chemical reacts violently with strong oxidizers, generating a fire and explosion hazard. Reacts violently with strong bases, strong acids and many other compounds.

Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Remove all sources of ignition. Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling & Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances. Keep away from ignition sources.

Section 8	Exposure Controls / Personal Pro	tection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Limits.	Acetic acid	TWA: 25 mg/m ³ STEL: 37 mg/m ³	TWA: 25 mg/m ³	TWA: 25 mg/m ³ STEL: 37 mg/m ³

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHAwodr nirator

Section 9	Physical & Chemical Pro	perties					
Boiling point: 118	d, vinegar-like odor. Data not available. point: 16.7°C (62°F)	Flammability Explosion lim Vapor pressu Vapor density Relative dens	rate (Butyl acetate = 1): (solid/gas): Data not av hits: Lower / Upper: 4.1 re (mm Hg): 11.4 @ 20 / (Air = 1): 2.07 hity (Specific gravity): 1): Soluble in water.	vailable. 0% / 19.9% °C	Auto-ignit Decompos Viscosity: Molecular		e: 464°C (869°F) u re: Data not available. ble.
Section 10	Stability & Reactivity						
	: Stable id: Excessive temperatures, hea erials: Bases, strong oxidizers, o	at, sparks, open f		of ignition.	xides, phosph	nates. Corrosive	to some metals. Potentially viol
	Idehyde and acetic anhydride. Ig	, ,				, .,	
	position products: Carbon mo		n sulfide and other harm	ful gases or vapors	including oxid	les and/or other (compounds of sulfur and sodiu
Section 11	Toxicological Information	1					
IARC: No compone OSHA: No compone	ata not available nt of this product present at level ent of this product present at leve ent of this product present at lev icity: Data not available	els greater than o	r equal to 0.1% is identifi	ied as probable, po	ssible or confi	rmed human car	5,
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dent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook. Form 06/2015