

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)
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SECTION 1 - COMPANY & PRODUCT IDENTIFICATION:			
Company Name: KLEERWITE CHEMICAL		Emergency Phone: 800-535-5053 (InfoTrac)	
P. O. BOX 10428, BURKE, VA 22009-0428, 703-451-3964; FAX: 703-451-7362			
Trade Name: ACETIC ACID - 28%		Product Type: BASIC CHEMICAL	
SECTION 2 - INGREDIENT INFORMATION: * = HAZARDOUS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT	TLV
* ACETIC ACID - GLACIAL	64-19-7	25 - 30%	3 mg/m ³
WATER	7732-18-5		
SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STATED INGREDIENT(S) AT THE INDICATED PERCENTAGES			
SECTION 3 - HEALTH HAZARD DATA:			
Primary Routes of Exposure Eye <input checked="" type="checkbox"/> [X] Skin <input checked="" type="checkbox"/> [X] Oral <input checked="" type="checkbox"/> [X] Inhalation <input type="checkbox"/> [] Other			
Overexposure Effects: Causes severe eye and skin burns and irritation. Ingestion will cause mucosal damage.			
Threshold Limit Value: Not Established.			
H.M.I.S Values: Health (Blue) - .3 ; Flammability (Red) - 0; Reactivity (Yellow) - 1; Personal Protection - C			
Carcinogen or Suspect Carcinogen Ingredients <input type="checkbox"/> [] NTP <input type="checkbox"/> [] IARC <input type="checkbox"/> [] OSHA <input checked="" type="checkbox"/> [X] None			
SECTION 4 - FIRST AID MEASURES:			
Eyes: Remove contact lenses. Flush eyes with water for 15 minutes, get prompt medical attention.			
Skin: Flush skin with water. Remove contaminated clothing.			
Ingestion: Give several glasses of water or milk. NEVER give anything by mouth to an unconscious person. Get medical attention..			
Inhalation: Seek well ventilated area. If irritation persists seek medical attention.			
SECTION 5 - FIREFIGHTING MEASURES:			
Flash Point (T.C.C.) <input checked="" type="checkbox"/> [X] None to boiling Flammable Limits Upper: Not Flammable ; Lower: Not Flammable			
Extinguishing Media: Foam, CO ₂ , Water fog, BC/ABC Extinguisher may be used in area where material is stored.			
Special firefighting Procedures: None known			
Unusual Fire and Explosion Hazards: None known			
SECTION 6 - ACCIDENTAL RELEASE MEASURES:			
If Released or Spilled: Stop leaks. Contain spill, absorb with an inert material and place in a suitable container. Flush spill area with large amounts of water.			
Waste Disposal Methods: Dispose of wash water and spill byproducts according to State and Federal regulations.			
SECTION 7 - STORAGE AND HANDLING INFORMATION:			
Store in a cool, dry area. Do not allow product to freeze. Do not get in the eyes, on skin or on clothing. Do not take internally.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: Not needed under normal condition of use.			
Ventilation Requirements <input checked="" type="checkbox"/> [X] Local Exhaust <input type="checkbox"/> [] Mechanical <input type="checkbox"/> [] Other			
Protective Gloves: Necessary for any contact Eye Protection: Safety glasses/goggles Other protective Clothing: None needed			
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:			
Boiling point (°F.) Above 200°F Density (lb/gl) 8.435 Specific Gravity (H ₂ O = 1) 1.011 pH (1%) = 2.9			
Vapor Pressure (mm Hg) 15.7 mmHg Vapor Density (Air=1) 2.07			
Solubility in water: <input checked="" type="checkbox"/> [X] Complete <input type="checkbox"/> [] Insoluble <input type="checkbox"/> [] Emulsifiable (or Dispersible) <input type="checkbox"/> [] Slight (or Partial)			
Evaporation Rate (vs. Ether) <input type="checkbox"/> [] Faster <input checked="" type="checkbox"/> [X] Slower <input type="checkbox"/> [] About the same			
Appearance and Odor: Clear liquid with a pungent acidic odor.			
SECTION 10 - STABILITY AND REACTIVITY:			
Stability: Stable Incompatibility: Oxidizers and alkalis. Hazardous Decomposition Products: None known.			
SECTION 11 - TRANSPORTATION INFORMATION:			
Proper Shipping Name: ACETIC AID SOLUTION			
D.O.T. Hazard Class: 8 UN Number: UN2790 Packaging Group: PGII Label Required: CORROSIVE			

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