

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: June, 1998

Date Revised: November 17, 2005

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Date Printed: November 17, 2005

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 STARED INGREDIENT(S) AT THE INDICATED PERCENTAGES

SECTION 3 - HEALTH HAZARD DATA:

Primary Routes of Exposure Eye ☒ [X] Skin ☐ [] Oral ☒ [X] Inhalation ☐ [] 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 ☐ [] NTP ☐ [] IARC ☐ [] OSHA ☒ [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.) ☒ [X] None to boiling Flammable Limits Upper: Not Flammable ; Lower: Not Flammable

Extinguishing Media: Foam, CO₂, 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 ☒ [X] Local Exhaust ☐ [] Mechanical ☐ [] 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 (H₂O = 1) 1.011 pH (1%) = 2.9

Vapor Pressure (mm Hg) 15.7 mmHg Vapor Density (Air=1) 2.07

Solubility in water: ☒ [X] Complete ☐ [] Insoluble ☐ [] Emulsifiable (or Dispersible) ☐ [] Slight (or Partial)

Evaporation Rate (vs. Ether) ☐ [] Faster ☒ [X] Slower ☐ [] 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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