

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: DELIME CONCENTRATE
PRODUCT USE: Acid Cleaner

COMPANY:
De Vere Company, Inc.
1923 Beloit Ave. P.O Box 8444
Janesville, WI 53547-8444

Phone: 608 752-0576

24 Hour Emergency: CHEMTREC 800-424-9300

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

H.M.I.S.

3	HEALTH	4 = Extreme
0	FIRE	3 = High
0	REACTIVITY	2 = Moderate
0	PERSONAL	1 = Slight
B	PROTECTION	0 = Insignificant

A = Goggles, B = Goggles & Gloves,
C = Goggles, Gloves, & Apron

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50 Oral	LC50
Gluconic Acid	526-95-4	15-20	N.E.	N.E.	2000 mg/kg	N.E.
Phosphoric Acid	7664-38-2	10-15	1 mg/m3	1 mg/m3	1530 mg/kg	N.E.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 and CFR 40, Part 372

SECTION 3 - PHYSICAL DATA

Color: Clear	Boiling Point: 212 F	Weight per Gallon: 9	pH: 2
Odor: Characteristic	Freezing Point: N.E.	Specific Gravity: 1.08	
Physical State: Liquid	Solubility in Water: Complete	Evaporation Rate (Water=1): N.E.	

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point and Method: N.A.	Autoignition Temperature: N.A.	Extinguishing Media: Water, Dry Foam, CO2
Flammable Limits: N.A.	LEL: N.A.	Special Fire Fighting Procedures: Self Contained Breathing Apparatus.
Hazardous Combustion Products: None	UEL: N.A.	Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	Hazardous Decomposition of by-products: None
Incompatibility (Materials to Avoid): Do not mix with alkalis or other chemicals.	Hazardous Polymerization: Will Not Occur

SECTION 6 - TOXOLOGICAL PROPERTIES

Routes of Entry: Eyes, Skin, Ingestion, Inhalation.	Medical Conditions Aggravated by Exposure: N.E.
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EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: Contact with concentrate causes severe irritation and burns, may cause tissue destruction and permanent eye damage.	Carcinogenic Effects: None
Skin: Prolonged contact with concentrate can cause irritation and burns.	Mutagenic Effects: None
Ingestion: Concentrate can cause burns to mouth, throat, esophagus, stomach.	Teratogenic Effects: None
Inhalation: Concentrate may cause upper respiratory tract irritation.	Reproductive Toxicity: None

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None Required With Adequate Ventilation	Ventilation: Local Exhaust
Protective Gloves: Rubber Gloves For Contact With Concentrate	Eye Protection: Chemical Splash Goggles If Eye Contact Possible
Storage Requirements: Store In A Well Ventilated Area	Work and Hygenic Practices: Never Mix Cleaning Products With Others. Prevent Contact With Skin And Eyes.
Steps to be Taken if Material Is Spilled or Released: Flush Small Spill To Drain Or Neutralize With Bicarbonate Of Soda Or Soda Ash.	Other Requirements: KEEP AWAY FROM CHILDREN. Do Not Reuse Empty Container. Rinse Before Disposal.
Waste Disposal: Neutralized Material Can Go Into Trash Collection. Dispose Of Large Spills In Accordance With Local, State And Federal Rregulations.	

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - Call physician or Poison Control Center immediately for treatment advice. Take product container when going for medical treatment.

Eyes: Flush Eyes For 15 Minutes, Get Immediate Medical Attention.

Ingestion: Do Not Induce Vomiting. Give Large Amount Of Water, Seek Immediate Medical Attention.

Skin: Flush With Water For 15 minutes, Remove Contaminated Clothing. If Irritation Persists, See Physician.

Inhalation: Remove To Fresh Air. If Breathing Is Difficult, Seek Immediate Medical Attention.

Note to Physician: None

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