

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: HELP SANITIZER
PRODUCT USE: Acid Sanitizer

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
B	PERSONAL PROTECTION	1 = Slight 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
Phosphoric Acid	7664-38-2	23.4	1 mg/m3	1 mg/m3	1530 mg/kg	N.E.
Dodecyl Benzene Sulfonic Acid	68584-22-5	3.17	N.E.	N.E.	1260 mg/kg	N.E.
Polyglycol Surfactant	9003-11-6	0-1	N.E.	N.E.	5 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: 9.41	pH: 1
Odor: None	Freezing Point: N.E.	Specific Gravity: 1.13	
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: Irritating toxic gases or fumes could be released during a fire.	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): Strong oxidizers and alkalis	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):	Carcinogenic Effects: None
Eyes: Contact with concentrate causes severe irritation and burns, may cause tissue destruction and permanent eye damage.	Mutagenic Effects: None
Skin: Contact with concentrate can cause burns or irritation.	Teratogenic Effects: None
Ingestion: Concentrate will cause burns to mouth, throat, esophagus and stomach.	Reproductive Toxicity: None
Inhalation: Concentrate may cause upper respiratory tract irritation.	

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 contact with concentrate possible
Storage Requirements: Store in a well ventilated area.	Work and Hygienic 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. Triple rinse before disposal. Do not contaminate water, food or feed by storage or disposal.
Waste Disposal: Neutralized material can go into trash collection. Dispose of large spills in accordance with local, State and Federal regulations.	

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: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after first 5 minutes, continue rinsing eye. Get immediate medical attention.
Ingestion: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or physician. Do not give anything by mouth to an unconscious person.
Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
Inhalation: Move person to fresh air. If person not breathing call 911, then give artificial respiration, preferably mouth-to-mouth if possible.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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