

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: MACHINE DISWASHING LIQUID

PRODUCT USE: Commercial Machine Dishwashing Liquid

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

DOT SHIPPING NAME:
CORROSIVE LIQUID, NOS, (CONTAINS POTASSIUM
HYDROXIDE), 8, UN1760, PG II, ERG 154.

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
1	REACTIVITY	2 = Moderate
B	PERSONAL	1 = Slight
	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
Caustic Potash 45%	1310-58-3	13-17	2 mg/m3	2 mg/m3	365 mg/kg	N.E.
Tetrapotassium Pyrophosphate	7320-34-5	10-15	15 mg/m3	10 mg/m3	4640 mg/kg	N.E.
Sodium Silicate	1344-09-8	0-5	N.E.	N.E.	2500 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: 212F	Weight per Gallon: 10.5	ph: 13
Odor: Characteristic	Freezing Point: N.E.	Specific Gravity: 1.26	
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): Strong acids. Do use on aluminum.	Hazardous Polymerization: Will Not Occur

SECTION 6 - TOXOLOGICAL PROPERTIES

Routes of Entry: Eyes, Skin, Ingestion, Inhalation	Medical Conditions Aggravated by Exposure: N.E.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):	Carcinogenic Effects: None
Eyes: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness.	Mutagenic Effects: None
Skin: Short single exposure may cause severe skin burns. Skin exposure is not likely to result in absorption of harmful amounts.	Teratogenic Effects: None
Ingestion: May cause gastrointestinal irritation or ulceration and severe burns of the mouth and throat.	Reproductive Toxicity: None
Inhalation: Mists may cause severe irritation to upper respiratory tract (nose and throat).	

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None required with adequate ventilation	Ventilation: Local exhaust
Protective Gloves: Rubber Gloves	Eye Protection: Chemical Splash Goggles
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. For Commercial Use Only. 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 Regulations.	

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

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

Eyes: Wash eyes immediately and continuously while seeking immediate medical attention. Continue to wash eyes enroute to medical facility.

Ingestion: Do not induce vomiting. Give large amount of water or milk, if available, seek immediate attention.

Skin: Wash thoroughly for 30 minutes, while removing contaminated clothing. Seek medical attention if irritation persists, or exposure to large area of body.

Inhalation: Remove to fresh air.

Note to Physician: Material is a strong alkali. If burn is present, treat as thermal burn, after decontamination.

Prepared By: Office of Frank Drew

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