

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: Machine Dishwashing Powder
PRODUCT USE: Commercial Automatic Dishwash Detergent

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

DOT SHIPPING NAME: Corrosive solid, basic, inorganic,
 NOS (contains disodium trioxosilicate,
 anhydrous), 8, UN3262, PGIII, ERG 154

H.M.I.S.		
3	HEALTH	4 = Extreme
0	FIRE	3 = High
0	REACTIVITY	2 = Moderate
B	PERSONAL	1 = Slight
	PROTECTION	0 = Insignificant

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

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

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50 Oral	LC50
Pentasodium Triphosphate	7758-29-4	45-55	10 mg/m3	10 mg/m3	874 mg/kg	N.E.
Disodium Trioxylate, Anhydrous	6834-92-0	15-20	N.E.	N.E.	N.E.	N.E.
Soda Ash	497-19-8	20-25	15 mg/m3	10 mg/m3	3160 mg/kg	2300 mg/m3 2H
Sodium Sulfate	7757-82-6	5-10	N.E.	N.E.	5989 mg/kg	N.E.
Dichlor Hydrate	51581-86-0	0-5	N.E.	N.E.	N.E.	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: White	Boiling Point: N.A.	Weight per Gallon: N.A.	pH: 12
Odor: Slight chlorine	Freezing Point: N.E.	Specific Gravity: N.A.	
Physical State: Powder	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): None	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: Can cause severe burns, may cause permanent eye damage.	Mutagenic Effects: None
Skin: Can cause burns or severe irritation.	Teratogenic Effects: None
Ingestion: May cause burns or severe irritation to gastrointestinal tract. Nausea, vomiting, cramps, and diarrhea may occur.	Reproductive Toxicity: None
Inhalation: May cause burns or severe irritation to respiratory tract.	

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 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 dilute mild acid or vinegar.	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: Flush eyes with plenty of water for 15 minutes, holding eyelids open to insure flushing the whole surface of eye. Seek immediate medical attention.	
Ingestion: Do not induce vomiting, immediately give large amount of water. If vomiting occurs, give water again. Never give anything by mouth to an unconscious person. Seek medical attention immediately.	
Skin: Immediately wash with water for 15 minutes. Remove contaminated clothing. If irritation persists, see physician.	
Inhalation: Remove to fresh air. If symptoms persists, seek immediate medical attention.	

Note to Physician: No further information.

Prepared By: Frank Drew **Phone:** 608-752-0576 **Date of Preparation:** 01/13/2005