

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

**PRODUCT NAME:** MECHANICS HAND SOAP  
**PRODUCT USE:** Powder Hand Soap

**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.

1	HEALTH	4 = Extreme
0	FIRE	3 = High
0	REACTIVITY	2 = Moderate
0	PERSONAL	1 = Slight
A	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
Disodium Tetraborate	12179-04-3	40-50	10 mg/m3	10 mg/m3	3200 mg/kg	2mg/L
Silicon Dioxide	7631-86-9	40-50	10 mg/me	.1 mg/m3	3200 mg/kg	N.E.
Sodium Dodecylbenzenesulfonate	255155-30-0	0-5	N.E.	N.E.	438 mg/kg	N.E.
Sodium Sulfate	7757-82-6	0-5	N.E.	N.E.	5989 mg/kg	N.E.
Tetrasodium Pyrophosphate	7722-88-5	0-5	N.E.	N.E.	4g/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:** Off White      **Boiling Point:** N.A.      **Weight per Gallon:** N.A.      **pH:** 8-9  
**Odor:** None      **Freezing Point:** N.E.      **Specific Gravity:** N.A.  
**Physical State:** Powder      **Solubility in Water:** Miscible      **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 abrasive irritation, redness and tearing.      **Mutagenic Effects:** None  
**Skin:** Prolonged contact may cause abrasive irritation.      **Teratogenic Effects:** None  
**Ingestion:** Large amounts may cause gastrointestinal symptoms.      **Reproductive Toxicity:** None  
**Inhalation:** Prolonged exposure to large quantities of dusts can cause respiratory/pulmonary disease.

## SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** If exposure limit for dust is exceeded, which is not likely with normal use, suitable respiratory protective device is recommended.      **Ventilation:** Local exhaust  
**Protective Gloves:** None for normal use      **Eye Protection:** Chemical splash goggles if eye contact with product possible  
**Storage Requirements:** Store in a dry area. Keep container closed when not in use.      **Work and Hygenic Practices:** Never mix cleaning products with others. Prevent contact with eyes.  
**Steps to be Taken if Material Is Spilled or Released:** Sweep up and reuse or discard.      **Other Requirements:** KEEP AWAY FROM CHILDREN. For Commercial Use Only. Do not reuse empty container. Rinse before disposal.  
**Waste Disposal:** Spilled 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 - Take product container when going for medical treatment.**

**Eyes:** Flush with large amount of water for 15 minutes, holding eyelids open to insure flushing of entire eye surface. If irritation persists, see physician.

**Ingestion:** Give large amount of water, do not induce vomiting. Seek medical attention.

**Skin:** Should not be a skin irritant. If irritation occurs, discontinue use and consult physician.

**Inhalation:** Remove to fresh air. If symptoms persist, see medical attention.

**Note to Physician:**

**Prepared By:** Frank Drew

**Phone:**

608-752-0576

**Date of Preparation:**

1/11/2005