



# Elite Z Mechanical Pump Fluid

( Cambridge Mill Products, Inc. CMP Elite Z Mechanical Pump Fluid )

## MATERIAL SAFETY DATA SHEET

VARIAN Part Numbers 695409005 and 695409010

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HMIS RATING

Health: 0 Flammability: 1 Reactivity: 0 Special: X

SECTION 1 -- LOCATION

Location: 3049 Alliance Road N.W.  
Malvern, Ohio 44644  
Telephone: 330-863-1121  
Date Prepared: January 1, 2001

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) Chemical and Common Name(s)..Synthetic Hydrocarbon

Exposure Limit

CAS No. 68037-01-4 5mg/m3 Oil Mist

To the best of our knowledge, the above listed component(s) is not hazardous according to OSHA (1910.1200) or one or more State Right-to-Know lists.

SECTION III -- PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and Odor: Light Straw Color, Slight Odor  
Specific Gravity @ 22 (C): .84  
Vapor Pressure @ 25 (C): 1 x 10<sup>-7</sup> Torr  
Vapor Density (Air=1): Not Applicable  
Solubility in Water: Insoluble  
Reactivity in Water: Not Applicable  
Melting Point: Not Applicable

SECTION IV -- FIRE & EXPLOSION DATA

Flash Point: 515(F) 268(C) Method Used: C.O.C.  
Flammable Limits (%): No Data Available  
Extinguishing Media: Dry Chemical, Water Spray (Fog), Foam or Carbon Dioxide

Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

CAUTION: DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT.

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#### SECTION V – PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid heating to decomposition. User is advised to have a safety expert evaluate the specific conditions of use.
Hazardous Polymerization:	Will not occur.
Incompatibility (Materials to Avoid):	None known at this time.
Hazardous Decomposition Products:	Includes Oxides of Carbon.

#### SECTION VI – HEALTH HAZARDS

Eyes:	Expected to cause no more than minor eye irritation.
Skin:	Expected to cause no more than minor irritation following prolonged or frequent repeated contact.
Inhalation:	Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.
Ingestion:	Harmful if aspirated into the lungs. Do not induce vomiting.
Chemical Listed as Carcinogen or Potential Carcinogen:	

IARC Monographs: No    OSHA: No.    National Toxicology Program: No

#### Routes of Entry

Inhalation:	Remove to fresh air. If victim has stopped breathing, give artificial respiration. Get Medical attention.
Eyes:	Immediately flush eyes with fresh cool water for 15 minutes. Do not let victim rub eyes.
Skin:	Wash contaminated areas with soap and water.
Ingestion:	Do not induce vomiting. If victim is conscious and able to swallow, give two glasses of water to dilute. Get Medical attention.

#### SECTION VII – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

Steps to be Taken in Case of Release or Spill: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical.

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**SECTION VII – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES (CONTD.)**

Waste Disposal Methods (Consult Federal, State, Local Regulations): Under RCRA, it is the responsibility of the user of products to determine at the time of disposal whether product meets RCRA criteria for hazardous waste. This is because uses, transformations, mixture, processes, etc., may render the resulting material hazardous.

**SECTION VIII – SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection: NIOSH approved organic vapor respiratory when exposed to vapor from heated material.

Local Exhaust Ventillation: At bulk vessel openings when handling heated materials.

Ventilation: Mechanical ventilation recommended.

Protective Gloves: Impervious gloves when prolonged contact cannot be avoided.

Eye Protection: Chemical type goggles/face shield.

Other Protective Equipment: None considered necessary at this time.

Work/Hygienic Practices: Employees should exercise reasonable personal cleanliness.

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

**ATTENTION:** Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

**REGULATORY INFORMATION:**

D.O.T. SHIPPING NAME:	NOT APPLICABLE
D.O.T. HAZARD CLASS:	NOT APPLICABLE
D.O.T. IDENTIFICATION NUMBER:	NOT APPLICABLE

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