MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION ---------------------------------------
   Code, Trade Name: MO1591, Molybdenum Indicator Solvent
   Chemical Name: Methanol & Ethanol
   Chemical Family: Aliphatic Alcohols

II. HAZARDOUS INGREDIENTS -------------------------------------
   Methanol, CAS #67-56-1 <20% v/v
   TLV/PEL: 200 ppm (TWA)  TXDS: orl-rat LD50: 5628 mg/kg
   Ethanol, denatured CAS #64-17-5 >80% v/v
   TLV/PEL: 1000 ppm (TWA)  TXDS: orl-hmn LDL0: 1400 mg/kg
   Carcinogenicity: None of the above listed (IARC).

III. HEALTH HAZARD DATA ---------------------------------------
   Ingestion causes nausea, intoxication, and CNS depression.
   High vapor levels cause eye and respiratory system irritation.
   May be fatal or cause blindness if swallowed!
   Routes of Entry: Ingestion, Inhalation, Skin Contact.
   First Aid:
   Eyes:  Flush with water for at least 15 min; get immediate medical assistance.
   Skin:  Wash with soap and water.
   Inhalation:  Move to fresh air & give artificial respiration if breathing has stopped.
   Ingestion:  Induce vomiting if conscious.
   GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!

IV. PHYSICAL DATA --------------------------------------------
   Boiling Point: N/A               Specific Gravity: 0.81
   Vapor Density: Heavier than air
   Water Solubility: Miscible
   Appearance & Odor: Clear, colorless liquid with characteristic odor.

V. FIRE & EXPLOSION HAZARD DATA ------------------------------
   Flash Point: 57 deg F (cc) for 100% ethanol.
   Extinguishing Media: dry chemical, CO2, "alcohol" foam.
   Special Procedures: Wear self contained breathing apparatus.
   Unusual Fire & Explosion Hazards: Fire & explosion hazard!
   Vapor heavier than air and may travel to an ignition source.

VI. REACTIVITY DATA --------------------------------------------
   Conditions To Avoid: heat, sparks, flame, acids, halogens, and strong oxidizers.
   Hazardous Combustion & Decomposition Products: COx

VII. SPECIAL PROTECTION ---------------------------------------
   Provide adequate general and local exhaust ventilation.
   Protect eyes and skin with safety goggles and gloves.
   Do not get in eyes, on skin or clothing.
   Wear self contained breathing apparatus in high vapor areas.
   Do not breathe vapors or mist.

VIII. HANDLING AND STORAGE PRECAUTIONS -----------------------
   Keep container tightly closed.
   Store in cool, dry, well ventilated area.
   Keep away from ignition source.
   Wash thoroughly after handling.
   Empty containers may be hazardous due to retained residue.

DOT - Flammable Liquid, N.O.S., UN1993 (PGII)

NFPA Hazard Rating:
   Health – 1, Flammability – 3, Reactivity - 0

(contains Methanol & Ethanol)

IX. ENVIRONMENTAL PROTECTION ---------------------------------
   Spill Response: Eliminate ignition source, cover with sand or vermiculite and scoop up and containerize for proper disposal.
   Waste Disposal: Comply with all local, state and federal regulations.

   * Toxic chemical or chemicals subject to the reporting requirements of Section 313, SARA Title III.

The above information is to be used only as a guide, and does not profess to be all inclusive. Cascade Water Services shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available
Issue Date: 3/04
Revised: