

MATERIAL SAFETY DATA SHEET

HEALTH-1 FLAMMABILITY-3 REACTIVITY-0 PERSONAL PROTECTION-

IDENTITY: 2471 FROST FREE - DATED: 08-03-04

SECTION I - MANUFACTURED FOR:

PRO CHEM, INC. - 1475 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA. 30004 - EMERGENCY AND INFORMATION#: (800) 241-8180

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME: METHANOL
OSHA PEL: 200PPM ACGIH TLV: 200PPM % RAW MTL: 65-75 OTHER LIMITS: CAS#: 67-56-1

SECTION III - PHYSICAL DATA

BOILING POINT: N/D. APPEARANCE: CLEAR, DARK BLUE LIQUID; ALCOHOL ODOR.
SOLUBILITY: SOLUBLE SPECIFIC GRAVITY (H2O=1): 0.875
VAPOR PRESSURE (MMHG): N/D MELTING POINT:
VAPOR DENSITY (AIR=1): N/E EVAPORATION RATE(WATER=1): >1.00

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: <70 METHOD USED: CC
FLAMMABILITY LIMIT: NA. LEL: NE UEL: NE
EXTINGUISHING MEDIA: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

SECTION V - REACTIVITY DATA

STABILITY: STABLE. CONDITIONS TO AVOID: HEAT, SPARKS, AND OPEN FLAME
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. CONDITIONS TO AVOID:

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION?Y SKIN?Y INGESTION?Y EYES?Y
HEALTH HAZARDS (ACUTE AND CHRONIC): SKIN - REDNESS, DRYNESS, IRRITATION, DEFATTING WITH PROLONGED OR REPEATED EXPOSURE. EYES - MILD IRRITATION AND REDNESS, TEARING, BLURRED VISION. MAY INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. INGESTION - GASTROINTESTINAL IRRITATION, DIZZINESS, DROWSINESS, DRUNKENNESS, WEAKNESS, CNS DEPRESSION. MAY BE HARMFUL OR FATAL IF SWALLOWED. SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA. INHALATION - RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, HEADACHES AND DIZZINESS.
CHRONIC EFFECTS:
CARCINOGENICITY: NTP?N IARC MONOGRAPHS?N OSHA REGULATED?N
SIGNS AND SYMPTOMS OF EXPOSURE:
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
EMERGENCY AND FIRST AID PROCEDURES: SKIN - REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. EYES - FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION - CONTACT PHYSICIAN OR POISON CONTROL IMMEDIATELY. GIVE AFFECTED PERSON ONE TO TWO GLASSES OF WATER. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION - REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. SOAK UP SPILLED MATERIAL AND PLACE IN A PROPERLY MARKED CLOSED CONTAINER FOR PROPER DISPOSAL.
WASTE DISPOSAL METHOD: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL DRY PLACE AWAY FROM HEAT OR OPEN FLAME. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.
OTHER PRECAUTIONS:

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE REQUIRED.
VENTILATION: LOCAL EXHAUST: RECOMMENDED MECHANICAL (GENERAL): RECOMMENDED.
 SPECIAL: OTHER:
PROTECTIVE GLOVES: CHEMICAL RESISTANT
EYE PROTECTION: SAFETY GLASSES OR CHEMICAL GOGGLES.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE WASH STATION.
WORK & HYGIENIC PRACTICES:

SARA 313 SUPPLIER NOTIFICATION

CHEMICAL NAME: METHANOL % BY WEIGHT: 1.0-5.0 CAS#: 67-56-1