

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**FROST FREE / 2471****DECEMBER 2009****PAGE 1**

HEALTH	1
FIRE	3
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FORMULATION:** Alcohol-based cleaner**SECTION 2 – Composition on Ingredients**

SUBSTANCE	CAS #	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:		
					302	355	372
Methanol	67-56-1	65.0-70.0	200 ppm	200 ppm	Y	N	Y

SECTION 3 – Hazards Information**ROUTES OF ENTRY:** Ingestion, inhalation, eye, and skin.**EFFECTS OF OVEREXPOSURE:****EYE CONTACT:** Mild irritation and redness, tearing, blurred vision. May injure eye tissue if not removed promptly.**SKIN CONTACT:** Redness, dryness, irritation, defatting with prolonged or repeated exposure.**INHALATION:** Respiratory tract irritation, nausea, vomiting, headache and dizziness.**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 bronchiopneumonia or pulmonary edema.**INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN****CARCINOGENS:** None**SECTION 4 – First Aid Measures****EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**SKIN CONTACT:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, obtain medical attention.**INHALATION:** Remove person to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, give oxygen.**INGESTION:** Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless told to do so by a poison control center or physician. Never give anything by mouth to an unconscious person.**NOTE TO PHYSICIANS:** No specialized procedures. Treat for clinical symptoms.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** < 70°F **METHOD:** Closed Cup**FLAMMABLE LIMITS IN AIR (VOLUME %):** **UPPER:** N/D **LOWER:** N/D**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 HAZARD:** Vapors may travel considerable distance to a source of ignition and flash back.**SECTION 6 – Accidental Release Measures****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and remove all sources of ignition. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Dispose of only in accordance with local, state, and federal regulations.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat and open flame. Keep container tightly closed when not in use. Keep out of reach of children.**SECTION 8 – Exposure Controls/Personal Protection****RESPIRATORY PROTECTION:** Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.**VENTILATION: Local:** Recommended. **Mechanical:** Not required.**PERSONAL PROTECTIVE EQUIPMENT:****EYE PROTECTION:** Safety glasses or chemical goggles.**PROTECTIVE GLOVES:** Chemical resistant.**OTHER PROTECTIVE EQUIPMENT:** Eyewash station.**SECTION 9 – Physical and Chemical Properties**

BOILING POINT (°F):	N/D	SPECIFIC GRAVITY (Water=1):	0.875
VAPOR PRESSURE (mmHg):	N/D	VOC CONTENT (% by weight):	65.0-75.0
VAPOR DENSITY (AIR=1):	N/D	EVAPORATION RATE (Water=1):	N/D
SOLUBILITY IN WATER	Soluble	pH:	N/A
APPEARANCE AND ODOR:	Clear, dark blue liquid; alcohol odor.		

SECTION 10 – Stability and Reactivity**STABILITY:** Stable**INCOMPATIBILITY:** Strong oxidizers.**CONDITIONS TO AVOID:** Heat, sparks, and open flame.**HAZARDOUS POLYMERIZATION:** Will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**SECTION 11 – Toxicological Information**

No data.

SECTION 12 – Ecological Information

No specific data is available for this product.

SECTION 13 – Disposal Consideration**WASTE DISPOSAL METHOD:** Consult local environmental authorities.**SECTION 14 – Transport Information****D.O.T. PROPER SHIPPING NAME:** Compounds, cleaning liquid (Methanol)**D.O.T. CLASS:** 3**D.O.T. ID NUMBER:** NA 1993**D.O.T. PACKING GROUP:** II

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION 15 – Regulatory Information

See Section 2.

SECTION 16 – Other Information**HAZARDS RATINGS**

	NFPA	KEY
HEALTH	1	4 = Severe
FLAMMABILITY	3	3 = Serious
REACTIVITY	0	2 = Moderate
OTHER	None	1 = Slight 0 = Minimal

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

C= Ceiling level

CAS = Chemical Abstract Service

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

NFPA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minute exposure)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 hour exposure)

302= CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355= SARA TITLE III / List of Extremely Hazardous Substances for Emergency planning and Notification (40 CFR 355)

372= SARA TITLE III / List of Toxic Chemicals Subject to Release Reporting (Community Right to Know) (40 CFR 372)

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