

**MATERIAL SAFETY DATA SHEET**  
HEALTH-1 FLAMMABILITY-2 REACTIVITY-1 PERSONAL PROTECTION-B

IDENTITY: 1706 FREE ALL - DATED: 01-01-04

**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: ALIPHATIC MINERAL SPIRITS<br>OSHA PEL: 100PPM                      ACGIH TLV: 100PPM     | % RAW MTL: 80-100 | OTHER LIMITS: | CAS#: 64741-65-7 |
| CHEMICAL NAME: MINERAL OIL<br>OSHA PEL: 5MG/M3 (MIST)              ACGIH TLV: 5MG/M3 (MIST)             | % RAW MTL: 01-05  | OTHER LIMITS: | CAS#: 8042-47-5  |
| CHEMICAL NAME: POLYTETRAFLUOROETHYLENE<br>OSHA PEL: 10MG/M3                      ACGIH TLV: 10MG/M3     | % RAW MTL: TRACE  | OTHER LIMITS: | CAS#: 9002-84-0  |
| CHEMICAL NAME: CARBON DIOXIDE PROPELLANT<br>OSHA PEL: 10000PPM                      ACGIH TLV: 10000PPM | % RAW MTL: 01-05  | OTHER LIMITS: | CAS#: 124-38-9   |

**SECTION III - PHYSICAL DATA**

|                           |   |
|---------------------------|---|
| BOILING POINT: >350°F     | APPEARANCE: DARK LIQUID, PETROLEUM ODOR |
| SOLUBILITY: INSOLUBLE     | SPECIFIC GRAVITY (H2O=1)@70°F: 0.765    |
| VAPOR PRESSURE (MMHG): 90 | MELTING POINT:                          |
| VAPOR DENSITY (AIR=1): >1 | EVAPORATION RATE( ):                    |

**SECTION IV - FIRE AND EXPLOSION DATA**

|   |   |
|---|---|
| FLASH POINT: 104°F  | METHOD USED: TOC                                  |
| FLAMMABILITY LIMIT: EXTREMELY FLAMMABLE SPRAY   | LEL: ND.                      UEL: N.D.           |
| EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY MEDIA  |   |
| SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING | COOL FIRE EXPOSED CONTAINERS TO PREVENT RUPTURING |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: EXPOSURE TO TEMPERATURES ABOVE 120°F MAY CAUSE BURSTING       |   |

**SECTION V - REACTIVITY DATA**

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| STABILITY: STABLE.   | CONDITIONS TO AVOID: |
| INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH STRONG OXIDIZING AGENTS |                      |
| HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE           |                      |
| HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.  | CONDITIONS TO AVOID: |

**SECTION VI - HEALTH HAZARD DATA**

|  |                |                     |                    |          |
|--|----------------|---------------------|--------------------|----------|
| ROUTE(S) OF ENTRY:   | INHALATION? Y. | SKIN? N             | INGESTION? Y.      | EYES? Y. |
| HEALTH HAZARDS (ACUTE AND CHRONIC):  |                |                     |                    |          |
| CARCINOGENICITY: N.  | NTP? N.        | IARC MONOGRAPHS? N. | OSHA REGULATED? N. |          |
| SIGNS AND SYMPTOMS OF EXPOSURE: EYES: MAY CAUSE SLIGHT IRRITATION BUT DOES NOT INJURE EYE TISSUE. SKIN: FREQUENT OR PROLONGED CONTACT MAY CAUSE IRRITATION. REPEATED EXPOSURE MAY RESULT IN EXCESSIVE DRYING OF THE SKIN. INHALATION: INHALATION OF MIST CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. ABUSIVE OR EXCESSIVE INHALATION MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT, DIZZINESS, NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS. MINIMAL TOXICITY. |                |                     |                    |          |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:   |                |                     |                    |          |
| EMERGENCY AND FIRST AID PROCEDURES: EYES: FLUSH WITH LARGE AMOUNTS OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING UPPER AND LOWER LIDS OPEN. IF IRRITATION PERSISTS GET MEDICAL ATTENTION IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IMMEDIATELY. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSIST SEEK MEDICAL ATTENTION.  |                |                     |                    |          |

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ALLOW PROPELLANT TO EVAPORATE. MAINTAIN LOCAL EXHAUST AND ADEQUATE VENTILATION. NO SMOKING. KEEP SPARKS, HEAT SOURCES AND OPEN FLAME FAR AWAY FROM SPILL OR LEAK. COVER WITH ABSORBENT MATERIAL AND SWEEP UP. WASH AREA TO PREVENT SLIPPING. DISPOSE OF SOAKED ABSORBENT MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS.

WASTE DISPOSAL METHOD: AEROSOL CANS WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED. CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES FOR APPROVED PROCEDURES.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN A COOL DRY AREA AWAY FROM HEAT OR OPEN FLAME. DO NOT STORE AT TEMPERATURES ABOVE 120 DEG F.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**SECTION VIII - CONTROL MEASURES**

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| RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NEEDED FOR USE IN ACCORDANCE WITH LABEL DIRECTIONS   |                         |
| VENTILATION: LOCAL EXHAUST: Y  | MECHANICAL (GENERAL): Y |
| SPECIAL: NONE  | OTHER LIMITS: NONE      |
| PROTECTIVE GLOVES: NONE NEEDED FOR PROPER USE IN ACCORDANCE WITH LABEL DIRECTIONS. USE CHEMICAL RESISTANT GLOVES IF HAND CONTACT WILL BE MADE.   |                         |
| EYE PROTECTION: NONE NEEDED UNLESS IT IS ANTICIPATED THAT A SPLASH OR SPRAY BACK WILL OCCUR, THEN WEAR SAFETY GLASSES OR CHEMICAL PROOF GOGGLES. |                         |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT:  |                         |
| WORK & HYGIENIC PRACTICES:   |                         |