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**MATERIAL SAFETY DATA SHEET**  
HEALTH-1 FLAMMABILITY-3 REACTIVITY-0 PERSONAL PROTECTION-

IDENTITY: 2522 AWAY WIPES - DATED: 07-23-01

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

**SECTION II - HAZARDOUS INGREDIENTS**

|  |                    |                      |               |                |
|--|--------------------|----------------------|---------------|----------------|
| <b>CHEMICAL NAME:</b> ISOPROPANOL                        |                    |                      |               |                |
| OSHA PEL: 400 PPM  | ACGIH TLV: 400 PPM | % RAW MTL: 45.0-55.0 | OTHER LIMITS: | CAS#: 67-63-0  |
| <b>CHEMICAL NAME:</b> N, N-DIETHYL-TOLUAMIDE             |                    |                      |               |                |
| OSHA PEL: N/E  | ACGIH TLV: N/E     | % RAW MTL: 12.33     | OTHER LIMITS: | CAS#: 134-62-3 |
| <b>CHEMICAL NAME:</b> N-OCTYL BICYCLOHEPTENE DICARBOXIDE |                    |                      |               |                |
| OSHA PEL: N/E  | ACGIH TLV: N/E     | % RAW MTL: 3.52      | OTHER LIMITS: | CAS#: 113-48-4 |
| <b>CHEMICAL NAME:</b> DI-N-PROPYL ISOCINCHOMERONATE      |                    |                      |               |                |
| OSHA PEL: N/E  | ACGIH TLV: N/E     | % RAW MTL: 1.76      | OTHER LIMITS: | CAS#: 136-45-8 |

**SECTION III - PHYSICAL DATA**

|                                     |  |
|-------------------------------------|--|
| <b>BOILING POINT:</b> N/D           | <b>APPEARANCE:</b> WHITE CLOTH IMPREGNATED WITH A CLEAR, COLORLESS LIQUID; ALCOHOL ODOR. |
| <b>SOLUBILITY:</b> SOLUBLE          | <b>SPECIFIC GRAVITY (H2O=1):</b> 0.91  |
| <b>VAPOR PRESSURE (mm Hg.):</b> N/D | <b>MELTING POINT:</b> N/D  |
| <b>VAPOR DENSITY (AIR=1):</b> N/D   | <b>EVAPORATION RATE( ): &gt;1.0</b>  |

**SECTION IV - FIRE AND EXPLOSION DATA**

|   |                                |
|---|--------------------------------|
| <b>FLASH POINT:</b> 76 (CONCENTRATE)  | <b>METHOD USED:</b> CLOSED CUP |
| <b>FLAMMABILITY LIMIT:</b> LEL: N/D   | <b>UEL:</b> N/D                |
| <b>EXTINGUISHING MEDIA:</b> WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL   |                                |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS. |                                |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> NONE   |                                |

**SECTION V - REACTIVITY DATA**

|   |  |
|---|--|
| <b>STABILITY:</b> STABLE  | <b>CONDITIONS TO AVOID:</b> EXCESS HEAT AND OPEN FLAME |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> STRONG OXIDIZERS                                     |  |
| <b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b> THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON. |  |
| <b>HAZARDOUS POLYMERIZATION:</b> WILL NOT OCCUR   | <b>CONDITIONS TO AVOID:</b> NONE KNOWN.                |

**SECTION VI - HEALTH HAZARD DATA**

|   |                |                     |                    |          |
|---|----------------|---------------------|--------------------|----------|
| <b>ROUTE(S) OF ENTRY:</b>   | INHALATION? N. | SKIN? Y.            | INGESTION? N.      | EYES? Y. |
| <b>CARCINOGENICITY:</b>   | NTP? N.        | IARC MONOGRAPHS? N. | OSHA REGULATED? N. |          |
| <b>SIGNS AND SYMPTOMS OF EXPOSURE:</b> EYES- MILD IRRITATION AND REDNESS. SKIN- REDNESS, DRYNESS AND IRRITATION, WITH PROLONGED CONTACT. SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS CONDITION. INGESTION- GASTROINTESTINAL IRRITATION, NAUSEA, CRAMPS, VOMITING.  |                |                     |                    |          |
| <b>EMERGENCY AND FIRST AID PROCEDURES:</b> INGESTION - CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GIVE AFFECTED PERSON SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. EYES - FLUSH EYES AND UNDER EYE LIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. INHALATION - REMOVE PERSON TO FRESH AIR. SKIN - WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. |                |                     |                    |          |

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. PLACE MATERIAL IN A LABELED CLOSED CONTAINER FOR DISPOSAL.

**WASTE DISPOSAL METHOD:** CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** STORE IN A COOL, DRY PLACE AWAY FROM HEAT OR OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN.

**SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** NONE IS REQUIRED UNDER NORMAL USE. IF RECOMMENDED EXPOSURE LIMITS ARE EXCEEDED WEAR A NIOSH APPROVED RESPIRATOR, FOLLOWING A MANUFACTURER'S RECOMMENDATIONS.

**VENTILATION:** LOCAL EXHAUST: NOT REQUIRED MECHANICAL (GENERAL): NOT REQUIRED

**SPECIAL:** NONE. OTHER LIMITS: NONE.

**PROTECTIVE GLOVES:** NONE **EYE PROTECTION:** NONE

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NONE

**WORK & HYGIENIC PRACTICES:** N/D

**SECTION 313 SUPPLIER NOTIFICATION**