# MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA-174)

**PETRO CHEMICAL PRODUCTS, INC.**
P.O. BOX 41585
JACKSONVILLE, FLORIDA 32203
EMERGENCY PHONE NUMBER: 1-800-424-9300

**REVISION DATE:** JUNE 12, 1994

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**PRODUCT IN FORMATION**

**PRODUCT/TRADE NAME:** AUTOKON INJECT-A-KLEAN EXTRA

**PCP PRODUCT No.:**

**FORMULA:** PROPRIETARY

**HAZARD RATING**

- **HEALTH:** 2
- **FIRE:** 3
- **REACTIVITY:** 0
- **SPECIAL:** N/A

**HAZARD RATING SCALE**

- 0 = MINIMAL
- 1 = SLIGHT
- 2 = MODERATE
- 3 = SERIOUS
- 6 = SEVERE

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**HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th><strong>HAZARDOUS COMPONENTS</strong></th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROL/</td>
<td>400PPM</td>
<td>400PPM</td>
<td>64742-48-9</td>
<td>N/A</td>
</tr>
<tr>
<td>2 PROPAANOL</td>
<td>400PPM</td>
<td>400PPM</td>
<td>67-63-0</td>
<td>N/A</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>400PPM</td>
<td>400PPM</td>
<td>108-88-3</td>
<td>N/A</td>
</tr>
<tr>
<td>(TRADE SECRET) (M-METHYL)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HETERO CYCLIC (ALKYL)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMINES</td>
<td>100PPM</td>
<td>100PPM</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PROPRIETARY</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>AQUA AMMONIA</td>
<td>50PPM</td>
<td>25PPM</td>
<td>1336-21-6</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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**PHYSICAL PROPERTIES**

- **BOILING POINT (DEG F):** ND
- **SPECIFIC GRAVITY (H2O=1):** 0.787
- **VAPOR PRESSURE:** N/A
- **MELTING POINT (DEG F):** N/A
- **VAPOR DENSITY (AIR=1):** <1
- **EVAPORATION RATE:**
- **SOLUBILITY IN WATER:** PARTIAL
  - **(BUTYL ACETATE = 1):** >1
- **APPEARANCE AND ODOR:** TURBID, STRAW COLOR WITH AMMONIAL ODOR

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**FIRE AND EXPLOSION HAZARDS**

- **FLASH POINT (METHOD USED):** -50 DEG RESS F. (PMCC)
- **FLAMMABLE LIMITS:** LEL: 1.2 UEL: 12.0
- **EXTINGUISHING MEDIA:** DRY CHEMICAL, HALON, CO2, POLYMER FOAM OR FOG
- **SPECIAL FIRE FIGHTING PROCEDURES:** SELF CONTAINED BREATHING APPARATUS
- **UNUSUAL FIRE AND EXPLOSION HAZARDS:** AEROSOL PACKAGE. AEROSOLS MAY RUPTURE AT TEMPERATURES ABOVE 130 DEGREES F. VAPORS MAY TRAVEL AND I G NITE.
AUTOSOME INJECT-A-KLEEN EXTRA

----------------------------------------REACTIVITY DATA----------------------------------------

STABILITY:  (X) STABLE  ( ) UNSTABLE

-CONDITIONS TO AVOID:  N/A

MATERIALS TO AVOID: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:  N/A

HAZARDOUS POLYMERIZATION:  ( ) MAY OCCUR  (X) WILL NOT OCCUR

-CONDITIONS TO AVOID:  N/A

----------------------------------------HEALTH HAZARD DATA----------------------------------------

ROUTE(S) OF ENTRY:  (X) SKIN  (X) EYES  (X) INHALATION  ( ) INGESTION

SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN:  IRRITATION, DRYING AND DERMATITIS.

EYES:  IRRITATION, REDNESS, TEARING AND BLURRED VISION.

INHALATION:  IRRITATION, DRYING, SNEEZING, WEAKNESS, FATIGUE, NAUSEA AND HEADACHE.

INGESTION:  IRRITATION, NAUSEA, VOMITING AND DIARRHEA; ALTHOUGH INGESTION FROM AN AEROSOL PRODUCT IS HIGHLY UNLIKELY.

HEALTH HAZARDS (ACUTE AND CHRONIC) OF EXPOSURE:  CONTINUOUS CONTACT COULD CAUSE SKIN SENSITIVITY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  UNKNOWN.

OSHA PERMISSIBLE EXPOSURE LIMIT:  0 PPM

----------------------------------------EMERGENCY AND first AID PROCEDURES----------------------------------------

IN CASE OF EYE CONTACT:  FLUSH WITH WATER FOR AT LEAST 15 MINUTES UNDER UPPER AND LOWER EYELIDS. GET MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT:  WASH WITH SOAP & WATER FOR AT LEAST 15 MINUTES.

IN CASE OF INHALATION:  REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION.

IN CASE OF INGESTION:  DO NOT INDUCE VOMITING. CALL A PHYSICIAN.
AUTOSOME INJECT-A-KLEV EXTRA

TOXICITY: DATA

ORAL: N/A
DERMAL: N/A
INHALATION: N/A

CARCINOGENICITY: (NO) NTP (NO) IARC MONOGRAPHS (NO) OSHA REGULATED
OTHER DATA: NONE.

PERSONAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT: (X) RESPIRATORY ( ) SKIN (X) EYES

RESPIRATORY: WEAR A RESPIRATOR IF TLV IS EXCEEDED.
SKIN: N/A
EYES: WEAR SAFETY GLASSES OR GOGGLES.
OTHER: N/A

VENTILATION: (X) LOCAL EXHAUST ( ) MECHANICAL ( ) SPECIAL
WORK/HYGIENIC PRACTICES: NONE.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
ELIMINATE ALL IGNITION SOURCES AND EVACUATE AREA. RECOVER LIQUID
AND TRANSFER TO A PROPER CONTAINER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP AWAY FROM HEAT,
SPARKS AND OPEN FLAME.
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.
EMERGENCY INFORMATION

IN CASE OF EMERGENCY CONTACT: 1-800-424-9300

THIS NUMBER IS TO BE USED ONLY IN EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

FOR GENERAL INFORMATION REGARDING THIS PRODUCT CONTACT:

LEA ANNE CHORLTON,
ENVIRONMENTAL SPECIALIST
PETRO CHEMICAL PRODUCTS, INC.
P.O. BOX 41585
JACKSONVILLE, FLORIDA 32203

MONDAY-FRIDAY 9:00-5:00 CALL: (904) 388-5732