1. Product And Company Identification

MSDS ID: MSDS528
PRODUCT NAME: PRESTONE(R) Automatic Transmission Fluid Plus Stop Leak
PRODUCT NUMBER: AS270, AS270Y-6
FORMULA NUMBER: 2276-9, 2276-50

MANUFACTURER: Prestone Products Corporation
Danbury, CT 06810-5109

CANADIAN OFFICE: FRAM Group (Canada), Inc.
Mississauga, Ontario L5L 3S6

MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:
(800)890-2075 (in the US)
(800)668-9349 (in Canada)

TRANSPORTATION EMERGENCY PHONE NUMBER (Chemical Spills and Transport Accidents only):
CHEMTREC 1-800-424-9300 (in the US)
CANUTEC (613)996-6666 (in Canada)

MSDS DATE OF PREPARATION/REVISION: 12/20/11

PRODUCT USE: Automobile transmission fluid - consumer product

2. Composition/Information On Ingredients

Clear red liquid with an oily odor.

3. Hazards Identification

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severely Treated Mineral Oils</td>
<td>Mixture</td>
<td>60-100</td>
</tr>
<tr>
<td>Proprietary Oil Additive containing alkyl phosphates</td>
<td>Mixture</td>
<td>30-60</td>
</tr>
</tbody>
</table>

(See Section 8 for Exposure Limits)

4. First Aid Measures

INHALATION: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing as stopped. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing immediately. Wash all affected and exposed areas with soap and water. If skin irritation or redness develops and persists, seek medical attention. High pressure injection of this product through the skin is a medical emergency. This product must be removed completely from under the skin. Get immediate medical assistance.

EYE CONTACT: Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. If irritation, pain, swelling or tearing persists, seek medical attention.
INGESTION: Do not induce vomiting. Get medical attention by calling a Poison Control Center or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital. Never give anything by mouth to a person who is unconscious or drowsy.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions. If this product is aspirated following ingestion, it may lead to aspiration pneumonitis. The patient should be observed for signs of lung injury if aspiration is suspected.

5. Firefighting Measures

EXTINGUISHING MEDIA: Use water fog, foam or dry chemical. Do not use straight water stream. Cool fire exposed containers with water. Water or foam may cause frothing.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear positive pressure self- contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

UNUSUAL FIRE HAZARDS: Keep away from heat, sparks, flames, static electricity or other sources of ignition. Containers may rupture from the heat. Combustion products may be hazardous.

HAZARDOUS COMBUSTION PRODUCTS: Burning may produce oxides of carbon, phosphorus, sulfur and nitrogen, aldehydes, and other products of incomplete combustion.

6. Accidental Release Measures

Eliminate all ignition sources. Wear appropriate protective clothing and equipment (See Section 8). Recover free product by pumping or collect with absorbent material and place in appropriate, labeled container for disposal. Keep out of sewers, watercourses and low areas. Notify authorities in the case of a release to the environment.

7. Handling and Storage

Avoid eye and prolonged skin contact. Avoid breathing vapors or mists. Use with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep container away from excessive heat and open flames. Keep contains closed when not in use. Store in a cool, dry area. Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers unless properly cleaned. High pressure injection of oil through the skin is a medical emergency. There may be no sign of injury and no initial pain. This oil must be removed completely by a physician. Failure to obtain immediate treatment has resulted in the loss of a finger, hand or arm.

NFPA CLASSIFICATION: IIIB

8. Exposure Controls / Personal Protection

EXPOSURE LIMITS

<table>
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<th>CHEMICAL</th>
<th>EXPOSURE LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severely Treated Mineral Oils</td>
<td>5mg/m3 TWA OSHA PEL</td>
</tr>
<tr>
<td></td>
<td>5 mg/m3 TWA ACGIH TLV</td>
</tr>
</tbody>
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10 mg/m³ STEL ACGIH TLV

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VENTILATION: Use local exhaust as required to maintain exposures below the occupational exposure limits.

RESPIRATORY PROTECTION: None under normal use conditions. For operations where the TLV for oil mist may be exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES: Neoprene gloves where prolonged contact is likely.

EYE PROTECTION: Safety glasses with sideshields or goggles are recommended.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact.

### 9. Physical and Chemical Properties

**Appearance and Odor:** Clear red liquid with an oily odor.

- **pH:** Not determined
- **Boiling Point (°F):** >580°F
- **Freezing Point (°F):** Not determined
- **Solubility in Water:** 0%
- **Viscosity:** 3.45
- **Coefficient of Water Oil Distribution:** Not determined
- **Flash Point:** None to 205°F TOC
- **Flammability Limits:** LEL: 0.9
- **(severely treated mineral oil)**

**Vapor Pressure:** Negligible

**Vapor Density:** >1

**Percent Volatile:** <1%

**Evaporation Rate:** Negligible

**Specific Gravity:** 0.8614-0.87

**Toxicological Information**

**Potential Health Effects:**

**Acute Hazards:**

- **Inhalation:** None expected under normal use conditions. Excessive mists may cause mucous membrane and respiratory irritation.

- **Skin Contact:** Prolonged contact, as with clothing wetted with material, may cause irritation or dermatitis. High pressure injection of this product through the skin can cause possible extensive tissue damage resulting in loss of a finger, hand or arm. There may be no sign of initial injury or pain.

**Stability and Reactivity**

**Stability:** Stable

**Conditions to Avoid:** Excessive heat, and open flames.

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon, phosphorus, sulfur and nitrogen, aldehydes, and other products of incomplete combustion.

**Hazardous Polymerization:** Will not occur.
EYE CONTACT: May cause moderate eye irritation with tearing, redness and pain.

INGESTION: Ingestion of this product is not expected to result in any acute systemic toxic effects. If more than several mouthfuls are swallowed, abdominal discomfort, belching, nausea and diarrhea may occur.

CHRONIC HAZARDS: Prolonged or repeated overexposure to oil mists may result in oil granuloma formation in the lung and increased incidence of infection.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May aggravate an existing dermatitis.

CARCINOGEN: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

**Acute Toxicity Values:**

**ACUTE TOXICITY VALUES:**

Severely Treated Mineral Oils:  LD50 Oral Rat: > 2,000 mg/kg; LD50 Skin Rabbit: >2,000 mg/kg

Proprietary Additive:  LD50 Oral Rat: > 2,000 mg/kg; LD50 Skin Rabbit: >2,000 mg/kg; LC50 Inhalation Rat: >5 mg/l

**12. Ecological Information**

This material is expected to be harmful to aquatic organisms with possible long-term adverse effects in the aquatic environment

**13. Disposal Considerations**

Dispose of product in accordance with all local, state/provincial and federal regulations.

**14. Transport Information**

U.S. DOT HAZARD CLASSIFICATION: Not Regulated

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION: Not Regulated

CANADIAN TDG CLASSIFICATION: Not Regulated

**15. Regulatory Information**

EPA SARA 311/312 HAZARD CLASSIFICATION: Acute health

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements.
Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product does not contain chemicals regulated under California Proposition 65.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Class D - Division 2 - Subdivision B (A toxic material causing other chronic effects)

CANADIAN WHMIS HAZARD SYMBOLS:

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): All of the ingredients are listed on the EINECS or ELINCS inventory.

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemical Substances (KECI) List.

PHILIPPINES: All of the ingredients of this product are listed on the Philippine Chemicals (PICCS) List

16. Other Information

NFPA Rating: Fire: 1 Health: 1 Reactivity: 0

REVISION SUMMARY: Section 1: Update product numbers.

This MSDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations.

While Prestone Products Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as a warranty or representation for which Prestone Products Corporation assumes legal responsibility. They are offered for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

If more information is needed, please contact: Prestone Products Corporation 69 Eagle Road Danbury, CT 06810 (800) 890-2075