SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS 589
PRODUCT NAME: Prestone® Power Steering Fluid
PRODUCT NUMBER: AS260/4, AS260PSP/4, AS260Y, AS261/4, AS261PSP/4, AS261Y, AS265/4, AS266-55/4.
FORMULA NUMBER: 2396-60, 2488-64-3, 2488-64-4, 2482-120

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)
SDS DATE OF PREPARATION/REVISION: 05/06/14

PRODUCT USE: Automobile fluid – consumer product
RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS/HAZCOM 2012 Classification:

Health	Physical
Not Hazardous	Not Hazardous

Label Elements: None

3. Composition/Information On Ingredients

Component	CAS No.	Amount %
Highly Refined Petroleum Oils	Proprietary	80-100
Alkoxy Sulfolane	Proprietary	0-5
Zinc Compounds	Proprietary	<1
Proprietary Additive	Proprietary	<1

The exact concentrations are a trade secret.

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 has stopped. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. 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. Seek immediate medical attention.

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 persist, seek medical attention.

INGESTION: DO NOT induce vomiting. Get immediate medical assistance by calling an emergency room or poison control center. If medical advice cannot be obtained, take the person and product to the nearest medical emergency treatment center or hospital. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Never give anything by mouth to a person who is unconscious or drowsy.

MOST IMPORTANT SYMPTOMS: Upon ingestion, there is a slight risk of aspiration in the lungs which can lead to pneumonitis and non-cardiogenic pulmonary edema. Prolonged skin contact may cause irritation. Breathing high vapor concentrations may cause headache, dizziness, drowsiness or lung irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: Oil injection into the skin from high-pressure hydraulic systems may cause severe injury. Seek medical attention immediately. Surgical removal may be necessary.

NOTES TO PHYSICIAN: There is no specific antidote. The petroleum oil and other ingredients in this product are unlikely to produce systemic symptoms following accidental ingestion. Upon ingestion, there is a slight risk of aspiration in the lungs which can lead to pneumonitis and non-cardiogenic pulmonary edema. Do not induce vomiting. If aspiration is suspected the patient should be observed for sign of lung injury. Treatment should be directed at the control of symptoms and clinical conditions. Subcutaneous or intramuscular injection requires prompt surgical debridement. There may be no signs of injury or pain initially. Failure to provide immediate treatment may result in extensive necrosis.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: Use water fog, foam, carbon dioxide or dry chemical. Water or foam may cause frothing. Cool fire exposed containers with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: This product can burn but will not readily ignite. Vapors may be released when heated above the flashpoint that can ignite when exposed to an ignition source. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flashpoint. Containers may rupture from excessive heat. Burning may produce carbon monoxide, carbon dioxide, trace oxides of sulfur, phosphorous, zinc and nitrogen.

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.

6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear appropriate protective clothing and equipment (See Section 8).

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Collect material with an inert absorbent material and shovel into appropriate container for disposal. For large spill, recover free product by pumping and place in appropriate, labeled container. Use caution when walking in spilled area. This product can create a slip hazard. Keep out of sewers, watercourses and low areas.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with the eyes. Avoid prolonged or repeated contact with skin and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Wash exposed skin with soap and water after use.

High pressure injection of this product through the skin is a medical emergency.

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.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container away from excessive heat and open flames. Keep containers closed when not in use. Store in a cool, dry, well-ventilated area.

NFPA CLASSIFICATION: IIIB

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Highly Refined Petroleum Oils	5 gm/m^3 OSHA PEL 5 mg/m^3 ACGIH TLV
Alkoxy Sulfolane	None Established
Zinc Compounds	None Established
Proprietary Additive	None Established

APPROPRIATE ENGINEERING CONTROLS: None needed under normal use conditions. For operations where the exposure limit may be exceeded, forced ventilation such as local exhaust is required.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None under normal use conditions. For operations where the exposure limit 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: Impervious gloves such as heavy nitrile are recommended where prolonged skin contact may occur. Use heat-resistant gloves when handling product at elevated temperatures.

EYE PROTECTION: Safety glasses or chemical splash goggles are recommended.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact. Suitable eye flushing facilities should be available in the work area. Contaminated clothing should be immediately removed and laundered before re-use.

9. Physical and Chemical Properties

APPEARANCE:	Clear amber oil	ODOR:	Petroleum odor
ODOR THRESHOLD:	None	pH:	Not determined
MELTING/FREEZING POINT:	Not applicable	BOILING POINT/RANGE:	>690°F (>365.5°C)
FLASH POINT:	>399°F (204°C) COC	EVAPORATION RATE:	Slow
FLAMMABILITY (SOLID, GAS)	Not Applicable	FLAMMABILITY LIMITS:	LEL: Not determined UEL: Not determined
VAPOR PRESSURE:	< 0.1 mm Hg @ 20°C	VAPOR DENSITY:	>1
RELATIVE DENSITY:	0.87	SOLUBILITIES	Water: Negligible

PARTITION COEFFICIENT (n-octanol/water)	>6 (based on similar products)	AUTOIGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY:	42.2 – 49.6 cST @ 40°C

10. Stability and Reactivity

REACTIVITY: Normally unreactive

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Reaction with strong oxidizers will generate heat.

CONDITIONS TO AVOID: Keep away from excessive heat and open flames.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon monoxide, carbon dioxide, phosphorus, nitrogen, sulfur oxides, zinc oxides, and various hydrocarbons.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Prolonged exposure to mists or vapors in a poorly ventilated areas may result in dizziness, drowsiness, headache, nausea and in extreme cases, lipid pneumonitis.

SKIN CONTACT: Prolonged contact may cause irritation. High pressure injection of this product through the skin may cause possible extensive tissue damage resulting in loss of a finger, hand or arm. There may be no sign of initial injury or pain.

EYE CONTACT: Direct eye contact may result mild irritation with redness, tearing, stinging and swelling.

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, headache, drowsiness, belching, nausea, vomiting and diarrhea may occur. If swallowed, aspiration into the lungs during ingestion or vomiting may result in lipid pneumonitis.

CHRONIC EFFECTS: Prolonged or repeated skin contact may remove skin oil, leading to possible skin irritation or dermatitis.

CARCINOGENICITY LISTING: None of the components of this product present at greater than 0.1% are listed as carcinogens by OSHA, IARC, NTP or ACGIH.

ACUTE TOXICITY VALUES:

Highly Refined Petroleum Oils: LD50 Oral Rat: >5,000 mg/kg
LD50 Dermal Rabbit: >2,000 mg/kg

12. Ecological Information

ECOTOXICITY:
No data available for product.

PERSISTENCE AND DEGRADABILITY:
Inherently biodegradable in aerobic conditions. Partition Coefficient (log Kow): >6 (based on similar materials)

BIOACCUMULATIVE POTENTIAL:
No data available for product.

MOBILITY IN SOIL:
No data available for product.

OTHER ADVERSE EFFECTS: Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum products can be harmful or fatal to aquatic life and water fowl.

13. Disposal Considerations

Recycle, incinerate or landfill 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: Not hazardous

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): Zinc Compounds <1%

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. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

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

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known to the state of California to cause cancer and/or reproductive harm: None known

CANADIAN WHMIS CLASSIFICATION: Not a controlled product.

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS 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 inventory.

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

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

PHILIPPINES: All of the ingredients of this product are listed on the Philippine Inventory of Chemical and Chemical Substance (PICCS)

CHINA: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

16. Other Information

NFPA RATING (NFPA 704) - FIRE: 1 HEALTH: 1 INSTABILITY: 0

REVISION SUMMARY: Update to US Hazcom 2012 GHS format. Changes to all sections.

SDS Date of Preparation/Revision: May 6, 2014

This SDS 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:

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