



Material Safety Data Sheet

The Armor All/STP Products Company

44 Old Ridgebury Road
Suite 300
Danbury, CT 06810
Tel. 1-203-205-2900

1. Product And Company Identification

Product Name: STP® Power Steering Fluid & Stop Leak

Responsible Party: The Armor All/STP Products Company
44 Old Ridgebury Road
Suite 300
Danbury, CT 06810

Information Phone Number: +1 203-205-2900

Emergency Phone Number:

For Medical Emergencies, call 1-866-949-6465 / +1 303-389-1332 (Outside US and Canada)
For Transportation Emergencies, call 1-800-424-9300 (Chemtrec) +1-703-527-3887 for
Outside US and Canada (call collect)

MSDS Date Of Preparation: 12/12/11

Product Use: Automotive maintenance product – For consumer and professional use

2. Hazards Identification

EMERGENCY OVERVIEW

Inhalation of mists or vapors generated at elevated temperatures may cause upper respiratory, eye irritation, headache, dizziness, and drowsiness. Prolonged skin contact may cause dryness and defatting. Oil injection into the skin from high-pressure hydraulic systems may cause severe injury. Seek medical attention immediately. Surgical removal may be necessary.

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Petroleum lubricating oil	64742-85-1, 64742-65-0	80-100%
Benzyl butyl phthalate	85-68-7	0-3%

4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. Get medical attention if symptoms appear and persist.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash exposed skin with soap and water. If skin irritation or redness develops, get 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: Flush eyes with large amounts of water. If irritation or other symptoms persist, get medical attention.

Ingestion: DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

5. Firefighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.



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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: Closed containers may rupture if exposed to extreme heat.

Hazardous Combustion Products: Burning may produce carbon monoxide and carbon dioxide, zinc oxide and hydrocarbons.

6: Accidental Release Measures

Personal Precautions: Caution – slip hazard. Wear appropriate protective equipment.

Environmental Precautions: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations. Notify the National Response Center if a spill of any amount enters navigable waters, the contiguous zone, or adjoining shorelines.

Methods for Containment and Clean-Up: Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard.

7. Handling and Storage

Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Avoid breathing vapors and mists. Wash exposed skin thoroughly with soap and water after use. Keep containers closed when not in use. Do not permit smoking in use or storage areas. Keep out of the reach of children.

Store in a cool, dry, well ventilated area. Store away from oxidizing agents and other incompatible materials.

Empty containers retain product residue and may be hazardous. Do not reuse empty containers.

8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Petroleum lubricating oil (Oil mist)	5 mg/m ³ inhalable TWA ACGIH TLV 5 mg/m ³ TWA OSHA PEL
Benzyl butyl phthalate	None Established

Ventilation: General ventilation should be adequate for all normal use. For operations where the TLV may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

Respiratory Protection: None under normal use conditions. For operations where the TLV is 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 neoprene or nitrile are recommended if needed to avoid prolonged or repeated skin contact.

Eye Protection: Safety glasses or goggles are recommended if eye contact is possible.

Other Protective Equipment/Clothing: Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact.



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9. Physical and Chemical Properties

Appearance And Odor: Light red liquid with a lubricating oil odor.

pH: Not applicable	Specific Gravity: 0.88
Boiling Point: >620°F (>327°C)	Vapor Pressure: Not determined
Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Negligible	Percent Volatile: Nil
Viscosity: Not determined	Evaporation Rate: Very slow
Coefficient Of Water/Oil Distribution: Not determined	Viscosity: Not determined
Flash Point: >300°F (>149°C) COC minimum	Autoignition Temp: Not Determined
Flammability Limits: LEL: Not determined	UEL: Not determined

10. Stability and Reactivity

Stability: Stable

Conditions To Avoid: Keep away from excessive heat and open flames.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide, zinc oxide and hydrocarbons.

11. Toxicological Information

Acute Hazards:

Inhalation: Inhalation of mists or vapors generated at elevated temperatures may cause upper respiratory tract irritation.

Skin Contact: Prolonged or repeated skin contact may cause irritation and dryness. 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: May cause mild irritation.

Ingestion: Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Chronic Hazards: Prolonged or repeated contact may cause defatting and drying of the skin and dermatitis.

Medical Conditions Aggravated By Exposure: Because of its defatting properties, this product 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:

Petroleum lubricating oil (as Mineral Oil): LD50 Oral Rat: >5,000 mg/kg; LD50 Skin Rabbit: >5000 mg/kg
Benzyl butyl phthalate: LD50 Oral Rat: 2330 mg/kg; LD50 Skin Rat >6700 mg/kg

12. Ecological Information

Petroleum lubricating oil (as Mineral Oil): LC50: Oncorhynchus mykiss >5000 mg/L/ 96 hr



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Benzyl butyl phthalate: LC50: Oncorhynchus mykiss 0.82 mg/L/ 96 hr

13. Disposal Considerations

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

14. Transport Information

DOT Hazardous Materials Description: Not Regulated

Canadian TDG Hazardous Materials Description: Not Regulated

IMDG Dangerous Goods Description: UN3082, Environmentally Hazardous Substance, liquid, n.o.s. (Benzyl butyl phthalate), 9, III Marine Pollutant

15. Regulatory Information

United States:

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

CERCLA Section 103: This product has an RQ of 3300 lbs based on the RQ for Benzyl butyl phthalate of 100 lbs present at 3% maximum. Oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

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 below de minimus concentration.

Canada:

Canadian WHMIS Classification: Not a controlled product.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

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.

16. Other Information

NFPA Rating (NFPA 704):	Health: 1	Fire: 1	Instability: 0
HMIS Rating:	Health: 1	Fire: 1	Reactivity: 0

REVISION SUMMARY: New MSDS

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH