



# 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® Super Concentrated High Mileage Engine Flush

**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)

**SDS Date of Preparation:** 10/25/2017

**Product Use and Uses Advised Against:** Automotive maintenance product – For consumer and professional use

## 2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will differ from the OSHA label elements.

**GHS Classification:**

<b>Physical:</b>	<b>Health:</b>
Not Hazardous	Not Hazardous

**GHS Label Elements:**

**Hazards not otherwise specified:** None

## 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Mineral Oil	64742-54-7	90-100%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First Aid Measures

**Inhalation:** If symptoms of exposure develop, remove to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:** Rinse skin with plenty of water. If skin irritation or redness develops, seek medical attention.

**Eye Contact:** Flush eyes with plenty of water. If irritation or other symptoms persist, seek medical attention.

**Ingestion:** Do not induce vomiting unless directed to by a doctor or physician. Get medical assistance by calling a doctor or poison center.

**Most Important Symptoms:** Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause mild eye, skin, and respiratory irritation. Prolonged skin contact may cause dryness and defatting.



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**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical attention should not be required.

## 5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water. Do not use direct water spray or jet as this may spread fire.

**Specific Hazards Arising from the Chemical:** This product is not classified as flammable or combustible, but will burn under fire conditions. Closed containers may rupture if exposed to extreme heat. Burning may produce carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

**Special Protective Equipment and Precautions for Fire-fighters:** 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:** Caution – slip hazard. Eliminate all ignition sources and ventilate the area. 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

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Avoid breathing vapors and mists. Wash hands after use. Keep out of the reach of children.

Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Use grounding and bonding connection when transferring material. Empty containers retain hazardous product residue. Do not reuse empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:**

Keep container closed when not in use. Store in a cool, dry, well ventilated area. Store away from oxidizing agents and other incompatible materials.

## 8. Exposure Controls / Personal Protection

**Exposure Guidelines:**

CHEMICAL	EXPOSURE LIMIT
Mineral Oil	5 mg/m <sup>3</sup> inhalable TWA ACGIH TLV 5 mg/m <sup>3</sup> TWA OSHA PEL (As mist)

**Engineering Controls:** 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.



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## Personal Protective Equipment

**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 or repeated skin contact.

## 9. Physical and Chemical Properties

**Appearance and Odor:** Light amber liquid with a characteristic odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not applicable	<b>Specific Gravity:</b> 0.855
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Pressure:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>Vapor Density:</b> Not determined
<b>Solubility In Water:</b> Insoluble	<b>Percent Volatile:</b> Not determined
<b>Viscosity:</b> 27.5 cSt at 40°C	<b>Evaporation Rate:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>VOC Content:</b> Not determined
<b>Flash Point:</b> 198°C (388°F) PMCC	<b>Autoignition Temp:</b> Not determined
<b>Decomposition Temperature:</b> Not determined	<b>Flammability Limits:</b> LEL: Not determined UEL: Not determined
<b>Flammability (solid, gas):</b> Not applicable	

## 10. Stability and Reactivity

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Do not expose to excessive heat, ignition sources, or oxidizing materials.

**Incompatible Materials:** Water. Oxidizing agents. Strong acids.

**Hazardous Decomposition Products:** May produce carbon monoxide, carbon dioxide, and other products of incomplete combustion.

## 11. Toxicological Information

### POTENTIAL HEALTH EFFECTS:

#### Acute Hazards:

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



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**Skin Contact:** May cause mild irritation. Prolonged or repeated contact may cause defatting and drying of the skin and dermatitis.

**Eye Contact:** May cause mild irritation.

**Ingestion:** Ingestion may cause gastrointestinal effects such as nausea, vomiting, and diarrhea.

**Chronic Hazards:** None currently known.

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

### Acute Toxicity Values:

Not acutely toxic.

## 12. Ecological Information

### **Ecotoxicity:**

Mineral Oil: LC50 Fathead Minnow: >100 mg/L/ 96 hr.  
EC50 Daphnia magna: > 10,000 mg/L/ 48 hr.  
EC50 (Green algae (Scenedesmus quadricauda) : >100 mg/L/ 72 hr.

### **Persistence and Degradability:**

Mineral Oil: 31% in 28 days - Not readily degradable.

### **Bio accumulative Potential:**

No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** No data available

## 13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

## 14. Transport Information

**DOT Hazardous Materials Description:** Not Regulated

**IMDG Dangerous Goods Description:** Not Regulated

## 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.



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**CERCLA Section 103:** This product has no RQ; however, 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):** Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None.

### Canada:

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian DSL.

### Other International:

**Australia:** All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

**Japan:** All of the components are listed on Japanese MITI inventory.

**Korea:** All of the components of this product are listed on the Korean Existing Chemical List (KECL).

**Philippines:** All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

**New Zealand:** All components are in compliance with chemical notification requirements in New Zealand. (NZIoC)

### 16. Other Information

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

DATE OF CURRENT REVISION: 10/25/2017

REVISION SUMMARY: Product specification change. Changes to Section 9.

DATE OF PREVIOUS REVISION: 09/11/2017

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