



# 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® High Mileage Oil Treatment

**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:** 06/17/2015

**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 not contain the OSHA label elements shown below on this SDS.

**GHS Classification:**

<b>Physical:</b> Not Hazardous	<b>Health:</b> Eye Damage Category 1 Reproductive Toxicity Category 2
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**GHS Label Elements:**



Danger!

**Statements of Hazard**

Causes serious eye damage.  
 Suspected of damaging fertility or the unborn child.

**Precautionary Statements**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective clothing and eye protection.

**Precautionary Statements Cont.**

IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor  
 IF exposed or concerned: Get medical attention.  
 Store locked up.  
 Dispose of contents and container in accordance with local and national regulations.



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**Hazards not otherwise specified:** None

**Percentage of unknown toxicity:** N/A

### 3. Composition/Information On Ingredients

Component	CAS No.	Amount
Mineral Oil	Mixture	60 - 100%
Zinc alkyl dithiophosphate	68649-42-3	1 - <5%
Branched alkylphenol	Proprietary	0.1 - <1%

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 large amounts of water for 20 minutes. Get immediate medical attention.

**Ingestion:** Do not induce vomiting unless directed to by doctor or physician. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

**Most Important Symptoms:** May cause mild eye, skin, and respiratory irritation. Prolonged skin contact may cause dryness and defatting.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical attention is required for eye contact.

### 5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.

**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 and carbon dioxide, zinc oxide and hydrogen sulfide.

**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.



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**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. Wash hands after use. Keep out of the reach of children.

**Conditions for Safe Storage, Including any Incompatibilities:** No special storage required.

## 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)
Zinc alkyl dithiophosphate	None Established
Branched alkylphenol	None Established

**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.

### 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/ repeated skin contact.

## 9. Physical and Chemical Properties

**Appearance and Odor:** Dark brown liquid with a petroleum-like odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not applicable	<b>Specific Gravity:</b> 0.8744
<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> >95%
<b>Viscosity:</b> 3,150 cSt at 40°C 296.5 cSt at 100°C	<b>Evaporation Rate:</b> Not determined



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<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>VOC Content:</b> Not determined
<b>Flash Point:</b> 275°F (135°C) PMCC (minimum)	<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:** None known

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide, carbon dioxide, zinc oxide and hydrogen sulfide.

### 11. Toxicological Information

#### POTENTIAL HEALTH EFFECTS:

##### Acute Hazards:

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

**Skin Contact:** Not a skin irritant. Prolonged or repeated contact may cause defatting and drying of the skin and dermatitis.

**Eye Contact:** Direct contact causes severe eye irritation with redness, tearing and possible damage.

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

**Chronic Hazards:** In oral studies with laboratory animals, an ingredient caused effects on the liver and thyroid. Contains materials suspected of damaging fertility or the unborn child.

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

##### Acute Toxicity Values:

No data available for product.

Mineral Oil: LD50 Rat oral > 5,000 mg/kg  
LD50 Rabbit dermal > 2,000 mg/kg  
LC50 Rat inhalation > 5,000 mg/L/4 hr.

Zinc alkyl dithiophosphate:  
LD50 Rat oral 2,230 mg/kg  
LD50 Rabbit dermal > 2,000 mg/kg

Branched alkylphenol:  
LD50 Rat oral > 5,000 mg/kg  
LD50 Rabbit dermal > 2,000 mg/kg



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### 12. Ecological Information

**Ecotoxicity:**

No ecotoxicity data is currently available for product.

Mineral Oil: NOEL Oncorhynchus mykiss  $\geq$  100 mg/L/96 hr.

NOEL Daphnia magna  $\geq$  100 mg/L/96 hr.

**Persistence and Degradability:** This product contains components which may be persistent in the environment.

**Bio accumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** This product is harmful to aquatic life with long-lasting effects.

### 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

**Canadian TDG 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.

**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):** Acute health, Chronic health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

Zinc alkyl dithiophosphate	1 - 4.9%
Lead	0 - 0.1%

**Canada:**

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



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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.

### Other International:

**China:** All of the ingredients are listed on the Chinese chemical inventory.

**European Union:** All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

**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).

### 16. Other Information

NFPA Rating (NFPA 704):	Health: 3	Fire: 1	Instability: 0
HMIS Rating:	Health: 3*	Fire: 1	Physical Hazard: 0
* Chronic Health Hazard			

DATE OF CURRENT REVISION: 06/17/2015

REVISION SUMMARY: Update to OSHA HazCom 2012 GHS format. Changes to all sections.

DATE OF PREVIOUS REVISION: 09/10/2014

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