



® 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® Synthetic 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: 09/23/2015

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

2. Hazards Identification

GHS Classification:

Physical:	Health:
Not classified	Aspiration Hazard Category 1 Eye Irritation Category 2A

GHS Label Elements:



DANGER!

Statements of Hazard

May be fatal if swallowed and enters airways.
Causes severe eye irritation

Precautionary Statements Prevention

Wash exposed skin thoroughly after handling.
Wear eye protection.

Storage

Store locked up.

Precautionary Statements Cont. Response

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue
rinsing.

If eye irritation persists: Get medical attention.

IF SWALLOWED: Immediately call a POISON CENTER or
doctor.

Do NOT induce vomiting.

Disposal

Dispose of contents and container in accordance with state,
local, and national regulations.



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3. Composition/Information On Ingredients

Component	CAS No.	Amount
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	40-60%
Mineral Oil Mixture	Trade Secret	20-40%
Calcium long-chain alkaryl sulfonate	115733-10-3	1-5%
Zinc dialkyl dithiophosphate	68649-42-3	1-2%

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. If breathing becomes difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention if symptoms appear and persist.

Skin Contact: Wash exposed skin with soap and water. If skin irritation or redness develops, get medical attention.

Eye Contact: Flush eyes with large amounts of water for several minutes. 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.

Most Important Symptoms: Serious eye irritant. May cause mild skin irritation. Inhalation of mists or vapors may cause respiratory irritation. Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea.

Indication of Immediate Medical Attention/Special Treatment: Get immediate medical attention for ingestion.

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: 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, and smoke.

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. Wear appropriate protective equipment.



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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 and Materials 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, 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. Keep product away from excessive heat, and open flames. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: 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

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Distillates (petroleum), hydrotreated heavy paraffinic (as Mineral Oil)	5 mg/m ³ TWA OSHA PEL (Oil Mist) 5 mg/m ³ TWA ACGIH TLV (Inhalable)
Mineral Oil Mixture (as Mineral Oil)	5 mg/m ³ TWA OSHA PEL (Oil Mist) 5 mg/m ³ TWA ACGIH TLV (Inhalable)
Calcium long-chain alkaryl sulfonate	None Established
Zinc dialkyl dithiophosphate	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.

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: Liquid with an undetermined odor.

Physical State: Liquid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: Not determined



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Initial Boiling Point/Range: Not determined	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Not determined	Percent Volatile: Not determined
Viscosity: Not determined	Evaporation Rate: Not determined
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: Not available
Flash Point: > 135°C (>275°F) Based on components	Autoignition Temp: Not determined
Decomposition Temperature: Not available	Flammability (solid, gas): Not applicable
Flammability Limits: LEL: Not determined UEL: Not determined	

10. Stability and Reactivity

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Keep away from heat, sparks, flames and other sources of ignition.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide, and smoke.

11. Toxicological Information

Health Hazards:

Inhalation: High concentrations above the worker exposure limits may cause respiratory irritation

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

Eye Contact: Causes serious eye irritation.

Ingestion: Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea.

Chronic Hazards: None expected

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

Numerical Measure of Toxicity:

Distillates (petroleum), hydrotreated heavy paraffinic:
LD50 Oral Rat: >2,000 mg/kg
LD50 Skin Rabbit: >2000 mg/kg
LC50 Inhalation Rat 2.18 mg/L/ 4 hr.

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

Calcium long-chain alkaryl sulfonate (Similar material):
LD50 Rat oral > 16,000 mg/kg
LD50 Rabbit dermal > 4,000 mg/kg
LC50 Rat inhalation > 1.9 mg/L/4 hr.



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Zinc dialkyl dithiophosphate:

LD50 Oral Rat: 2,230-3,100 mg/kg

LD50 Skin Rat >2,000 mg/kg

12. Ecological Information

Ecotoxicity:

Distillates (petroleum), hydrotreated heavy paraffinic:

LC50 Rainbow trout (*Oncorhynchus mykiss*): > 5,000 mg/L/ 96 hr.

LC50 water flea (*Daphnia magna*): > 1,000 mg/L / 48 hr.

Mineral Oil: NOEL *Oncorhynchus mykiss* >= 100 mg/L/96 hr.

NOEL *Daphnia magna* >= 100 mg/L/96 hr.

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

Bioaccumulative Potential: No data available for product.

Mobility in Soil: No data available for product.

Other Adverse Effects: No data available.

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: 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

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

Zinc dialkyl dithiophosphate (as zinc compounds) at 1-2%



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Canada:

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

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.

16. Other Information

NFPA Rating (NFPA 704):	Health: 1	Fire: 1	Instability: 0
HMIS Rating:	Health: 2	Fire: 1	Physical Hazard: 0

DATE OF CURRENT REVISION: September 23, 2015

REVISION SUMMARY: New SDS

DATE OF PREVIOUS REVISION: N/A

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