



# Safety Data Sheet

## STP Products Manufacturing Company

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

### 1. Product And Company Identification

**Product Name:** ARMOR ALL® Ultra Shine Headlight Restoration Wipe-Step 2 UV Sealant Protection

**Responsible Party:** STP Products Manufacturing 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:** 01/18/2018

**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:**

Physical:	Health:
Not Hazardous	Acute Oral Toxicity Category 4 Eye Irritation Category 2A Reproductive Toxicity Category 2

**GHS Label Elements:**



**Warning!**

#### Statements of Hazard

Harmful if swallowed.  
Causes serious eye irritation.  
Suspected of damaging fertility or the unborn child.

#### 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.

#### Precautionary Phrases

##### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear eye protection.

##### Storage

Store in a well-ventilated place. Keep cool.  
Store locked up.



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### Response continued

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
Rinse mouth.  
IF exposed or concerned: Get medical attention.

### Disposal

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

## 3. Composition/Information on Ingredients

Component	CAS No.	Amount
1-Hexanol	111-27-3	50 – 55%
Diethylene glycol monobutyl ether	112-34-5	30 – 40%
Toluene	108-88-3	< 0.2%

The exact concentrations are a trade secret.

## 4. First Aid Measures

**Inhalation:** If symptoms of exposure develop, remove to fresh air. 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 15 minutes. If irritation or other symptoms persist, get medical attention.

**Ingestion:** Ingestion is an unlikely route of exposure for this product. However, if ingestion does occur: Have victim rinse their mouth with water if they are fully conscious. 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:** Eye irritant. Inhalation may cause mild irritation to the upper respiratory system. Harmful if swallowed. Ingestion may cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects. Contains toluene which is suspected of damaging fertility or the unborn child.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical treatment may be required in the unlikely event that large amounts are ingested.

## 5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use water fog, alcohol-resistant foam, carbon dioxide or dry chemical to extinguish.

**Specific Hazards Arising from the Chemical:** Wipes contain no free liquid but may release combustible vapors. Burning may produce carbon monoxide, and carbon dioxide.

**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:** Eliminate all ignition sources and



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ventilate the area. Wear appropriate protective equipment.

**Methods and Materials for Containment and Clean-Up:** Pick up and collect into a suitable container for disposal. Clean area as appropriate.

**Environmental Precautions:** Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

## 7. Handling and Storage

### Precautions for Safe Handling:

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wash exposed skin thoroughly with soap and water after use. Do not drink or eat when using this product. Keep containers closed when not in use. Keep out of the reach of children. Use in accordance with product instructions.

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

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store locked up. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat.

## 8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
1-Hexanol	40 ppm TWA AIHA WEELs
Diethylene glycol monobutyl ether	10 ppm TWA ACGIH TLV (Inhalable fraction and vapor)
Toluene	200 ppm TWA, 300 ppm Ceiling, 500 ppm STEL (10 min peak per 8 hr. Shift) OSHA PEL 20 ppm TWA ACGIH TLV

**Ventilation:** For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits. Use explosion-proof equipment where required.

**Respiratory Protection:** None required for normal use. For operations where the exposure limits are exceeded, a NIOSH approved respirator with an organic vapor cartridge 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 are recommended if needed to avoid prolonged or repeated skin contact.

**Eye Protection:** Wear safety glasses or goggles 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:** Saturated wipe with a characteristic odor.

<b>Physical State:</b> Solid	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not applicable.	<b>Vapor Pressure:</b> Not determined
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Density:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>Percent Volatile:</b> 100% (Liquid component)



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<b>Solubility In Water:</b> Partial (Liquid component)	<b>Evaporation Rate:</b> Not determined
<b>Viscosity:</b> Not determined	<b>VOC Content:</b> 100% (Liquid component)
<b>Specific Gravity:</b> Not determined	<b>Autoignition Temp.:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>Flame extension:</b> Not applicable.
<b>Flash Point:</b> 150°F (65.6°C) CC (Liquid component)	<b>Flammability (solid, gas):</b> Not applicable
<b>Flammability Limits:</b> LEL: 0.85% (Diethylene glycol monobutyl ether) UEL: 24.6% (Diethylene glycol monobutyl ether)	<b>Decomposition Temperature:</b> Not available

## 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 excessive heat and open flames.

**Incompatible Materials:** Strong oxidizing agents and reducing agents.

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

## 11. Toxicological Information

### Potential Health Effects:

#### **Acute Hazards:**

**Inhalation:** Inhalation of vapors may cause mild upper respiratory tract irritation. Inhalation may also cause central nervous system effects such as dizziness, or drowsiness.

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

**Eye Contact:** Causes eye irritation with redness, tearing and pain.

**Ingestion:** Ingestion is an unlikely route of exposure for product. Harmful if swallowed. Ingestion may cause gastrointestinal effects such as nausea, vomiting, diarrhea and central nervous system effects.

**Chronic Effects:** Contains toluene which is suspected of damaging fertility or the unborn child.

**Carcinogenicity Listing:** None of the ingredients are listed as carcinogens by IARC, NTP, and OSHA.

### Numerical Measures of Toxicity:

Product ATE:                   LD50 Oral 1,402 mg/kg  
                                       LD50 Skin 2,922 mg/kg

1-Hexanol:                    LD50 Oral Rat: 720 mg/kg  
                                       LD50 Skin Rabbit: 1,500 – 2,000 mg/kg  
                                       LC50 Inhalation Rat: >5.25 mg/L/4 hr.

Diethylene glycol monobutyl ether:  
                                       LD50 Oral Rat: 5,660 mg/kg  
                                       LD50 Skin Rabbit: 2,700 mg/kg



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Toluene: LD50 Oral Rat: 5580 mg/kg  
LD50 Skin Rabbit: >5000 mg/kg  
LC50 Inhalation Rat: >20 mg/L/4 hr.

## 12. Ecological Information

### Ecotoxicity:

1-Hexanol: LC50 Pimephales promelas 97.2-97.5 mg /L/ 96 hr.  
Diethylene glycol monobutyl ether: LC50 Lepomis macrochirus (Bluegill sunfish) 1300 mg/L/96 hr.  
Toluene: LC50 Oncorhynchus kisutch 5.5 mg /L/ 96 hr.

### Persistence and Degradability:

1-Hexanol: Readily biodegradable  
Diethylene glycol monobutyl ether: Readily biodegradable  
Toluene: Readily biodegradable

### Bio accumulative Potential:

Diethylene glycol monobutyl ether: Bio-concentration potential is low  
Toluene: BCF 90

### Mobility in Soil:

Diethylene glycol monobutyl ether: Potential for mobility in soil is very high.

**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

**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:** The liquid component of this product contains Toluene at < 1%. The RQ for Toluene is 1,000 lbs. 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): Toluene CAS # 108-88-3 at < 1.0%



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### Canada:

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

### 16. Other Information

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

REVISION DATE: 01/18/2018

REVISION SUMMARY: New SDS: Formula template.

PREVIOUS REVISION DATE: N/A

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