



# 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 1 Cleaning/Oxidation Removal

**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:**

<b>Physical:</b> Flammable Solid Category 1	<b>Health:</b> Eye Irritation Category 2A
--	--

**GHS Label Elements:**



**Danger!**

**Statements of Hazard**

Flammable solid.  
Causes serious eye irritation.

**Precautionary Phrases**

Keep away from heat, sparks, open flames, and hot surfaces.  
- No smoking.  
Wash thoroughly after handling.  
Wear protective gloves, protective clothing, and eye protection.  
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.  
In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide or dry chemical to extinguish.



# Safety Data Sheet

## STP Products Manufacturing Company

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

### 3. Composition/Information on Ingredients

Component	CAS No.	Amount
1-Propoxy-2-propanol	1569-01-3	55 – 65%
Dimethyl carbonate	616-38-6	35 – 45%

The exact concentrations are 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 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. Do not induce vomiting unless directed to by a 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:** Eye irritant. Inhalation may cause mild irritation to the upper respiratory system. Ingestion may cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects.

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

### 5. Firefighting Measures

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

**Specific Hazards Arising from the Chemical:** Wipes contain no free liquid but may release highly flammable vapors. Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flash back. Closed containers may rupture if exposed to extreme heat. Burning may produce carbon monoxide, carbon dioxide and oxides of nitrogen.

**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 ventilate the area. Wear appropriate protective equipment. Ventilate the area with explosion-proof equipment.

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



# Safety Data Sheet

## STP Products Manufacturing Company

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

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. Do not permit smoking in use or storage areas. 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 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-Propoxy-2-propanol	50 ppm TWA, 75 ppm STEL Manufacturer recommended
Dimethyl carbonate	None Established

**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 an ether 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)
<b>Solubility In Water:</b> Complete (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.



## Safety Data Sheet

### STP Products Manufacturing Company

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

**Flash Point:** 61°F (16°C) CC  
(Dimethyl carbonate Liquid component)

**Flammability (solid, gas):** Flammable solid

**Flammability Limits:** LEL: 1.3% (1-Propoxy-2-propanol)  
UEL: 12.87% (Dimethyl carbonate)

**Decomposition Temperature:** 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 upper respiratory tract irritation.

**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. Ingestion may cause gastrointestinal effects such as nausea, vomiting, diarrhea and central nervous system effects with symptoms of drowsiness, headache, and dizziness.

**Chronic Effects:** None expected.

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

#### Numerical Measures of Toxicity:

1-Propoxy-2-propanol: LD50 Oral Rat: >2000 mg/kg  
LD50 Skin Rabbit: >2000 mg/kg  
LC0 Inhalation Rat: 8.34 mg/L/4 hr.

Dimethyl carbonate: LD50 Oral Rat: >5000 mg/kg  
LD50 Skin Rabbit: >2000 mg/kg  
LC50 Inhalation Rat: >5.36 mg/L/4 hr.

### 12. Ecological Information

#### **Ecotoxicity:**

1-Propoxy-2-propanol: LC50: *Oncorhynchus mykiss* > 100 mg/L/96 hr.  
EC50: *Daphnia Magna*: > 100 mg/L/48 hr.



## Safety Data Sheet

### STP Products Manufacturing Company

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

Dimethyl carbonate: LC50: Danio rerio >100 mg/L/96 hr.  
EC50: Daphnia Magna: > 100 mg/L/48 hr.

**Persistence and Degradability:** Liquid is readily biodegradable.

1-Propoxy-2-propanol: 91.5 % in 28 days

Dimethyl carbonate: 86 % in 28 days

**Bio accumulative Potential:**

1-Propoxy-2-propanol: Bio-concentration potential is low

**Mobility in Soil:**

1-Propoxy-2-propanol: 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:** UN 3175, Solids containing flammable liquid, n.o.s. (1-Propoxy-2-propanol, Dimethyl carbonate), 4.1, II, limited quantity

**IMDG Dangerous Goods Description:** UN 3175, Solids containing flammable liquid, n.o.s. (1-Propoxy-2-propanol Dimethyl carbonate), 4.1, II, limited quantity

### 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, many states have more stringent release reporting requirements. Report spills as 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 Domestic Substances List.



## Safety Data Sheet

### **STP Products Manufacturing Company**

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

### **16. Other Information**

NFPA Rating (NFPA 704):	Health: 2	Fire: 3	Instability: 0
HMIS Rating:	Health: 2	Fire: 3	Physical Hazard: 0

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