



# 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:** ARMOR ALL® Air Fresheners Mountain Air Scented Oil Vent Clip

**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:** 07/01/2015

**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:**

Physical:	Health:
Combustible Liquid Category 4	Aspiration Hazard Category 1 Skin Sensitizer Category 1 Germ Cell Mutagenicity Hazard Category 2 Reproductive Toxicity Category 2

**GHS Label Elements:**



**DANGER!**

Statements of Hazard	Prevention
Combustible Liquid May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Suspected of causing genetic defects. Suspected of damaging fertility.	<b>Prevention</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. No smoking. Avoid breathing vapors.
<b>Response</b> IF SWALLOWED: Immediately call a POISON	<b>Prevention Continued</b> Contaminated work clothing should not be allowed out of



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CENTER or doctor.  
Do NOT induce vomiting.  
IF ON SKIN: Wash with plenty of water and soap.  
If skin irritation or rash occurs: Get medical attention.  
IF exposed or concerned: Get medical advice.  
Wash contaminated clothing before reuse.  
In case of fire: Use dry chemical, carbon dioxide, alcohol-resistant foam, or water mist to extinguish.

the workplace.  
Wear protective gloves.

### Storage

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

### Disposal

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

## 3. Composition/Information On Ingredients

Component	CAS No.	Amount
[3R-(3Alpha,3Abeta,7Beta,8Aalpha)]-1-(2,3,4,7,8,8A-Hexahydro-3,6,8,8-Tetramethyl-1H-3A,7-Methanoazulen-5-Yl) Ethan-1-One	32388-55-9	5 – 10%
Alpha-Hexylcinnamaldehyde	101-86-0	1 – 5%
4-(4-Hydroxy-4-Methylpentyl) Cyclohex-3-Enecarbaldehyde	31906-04-4	1 – 5%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthyl) Ethan-1-One	54464-57-2	0 – 1%
Citronellol	106-22-9	0 – 1%
Coumarin	91-64-5	0 – 1%
2-(4-Tert-Butylbenzyl) Propionaldehyde	80-54-6	0 – 1%
Limonene	5989-27-5	0 – 1%
Alpha-Methyl-1,3-Benzodioxole-5-Propionaldehyde	1205-17-0	0 – 1%
Pinene, Mixture Alpha, Beta	127-91-3	0 – 1%
A-Damascone	43052-87-5	0 – 1%
Camphor	76-22-2	0 – <1%

The exact concentrations are 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:** Wash exposed skin with soap and water. If skin irritation, redness or rash develops, seek medical attention.

**Eye Contact:** Flush eyes with large amounts of water. If irritation or other symptoms persist, seek 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:** Aspiration hazard. May be harmful or fatal if swallowed and enters lungs. May cause



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mild skin irritation in some individuals. May cause an allergic skin reaction in sensitive individuals. Suspected of damaging fertility. Suspected of causing genetic defects.

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

### 5. Firefighting Measures

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

**Specific Hazards Arising from the Chemical:** Burning will generate oxides of carbon.

**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. Cool fire-exposed containers with water.

### 6: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures** Wear appropriate protective equipment.

**Methods and Materials for Containment and Clean-Up** Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with water.

**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. Wash exposed skin with soap and water after use. Keep away from open flames, and excessive heat. Keep out of the reach of children, and pets.

**Conditions for Safe Storage, Including any Incompatibilities:** Store tightly closed in a cool dry, and well-ventilated place.

### 8. Exposure Controls / Personal Protection

#### Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
[3R-(3Alpha,3Abeta,7Beta,8Alpha)]-1-(2,3,4,7,8,8A-Hexahydro-3,6,8,8-Tetramethyl-1H-3A,7-Methanoazulen-5-Yl) Ethan-1-One	None Established
Alpha-Hexylcinnamaldehyde	None Established
4-(4-Hydroxy-4-Methylpentyl) Cyclohex-3-Enecarbaldehyde	None Established
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthyl) Ethan-1-One	None Established



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Citronellol	None Established
Coumarin	None Established
2-(4-Tert-Butylbenzyl) Propionaldehyde	None Established
Limonene	None Established
Alpha-Methyl-1,3-Benzodioxole-5-Propionaldehyde	None Established
Pinene, Mixture Alpha, Beta	20 ppm TWA ACGIH TLV
A-Damascone	None Established
Camphor	2 ppm TWA, 3 ppm STEL ACGIH TLV 2 mg/m3 TWA OSHA PEL

**Appropriate Engineering Controls:** General ventilation should be adequate for all normal use.

### Personal Protective Equipment

**Respiratory Protection:** None required under normal use conditions.

**Gloves:** None normally required. Avoid prolonged skin contact. Impervious gloves such as rubber, neoprene or nitrile can be used if needed to avoid prolonged or repeated skin contact.

**Eye Protection:** None required for normal use. Safety glasses or goggles are recommended if eye contact is possible.

**Other Protective Equipment/Clothing:** None required under normal use conditions.

## 9. Physical and Chemical Properties

**Appearance And Odor:** Clear, colorless liquid with a characteristic odor contained in a vapor permeable membrane within a plastic clip.

<b>Physical State:</b> Liquid-based aerosol	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not determined	<b>Specific Gravity:</b> 0.8408
<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> Not determined	<b>Percent Volatile:</b> Not determined
<b>Viscosity:</b> Not determined	<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> 181.4°F (83°C)	<b>Autoignition Temp:</b> Not determined
<b>Flammability Limits:</b> LEL: Not available UEL: Not available	<b>Flame extension:</b> Not applicable
<b>Decomposition Temperature:</b> Not available	<b>Flammability (solid, gas):</b> Not applicable

## 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.

**Hazardous Decomposition Products:** Oxides of carbon.



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## 11. Toxicological Information

### **Potential Health Effects:**

#### **Acute Hazards:**

**Inhalation:** Excessive exposures may cause nausea, vertigo, and dizziness.

**Skin Contact:** Prolonged or repeated contact may cause an allergic skin reaction in sensitive individuals.

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

**Ingestion:** Swallowing may cause nausea, vertigo, dizziness, and gastrointestinal disturbances. May be harmful or fatal if swallowed and is aspirated to the lungs.

**Chronic Hazards:** Prolonged dermal over exposures may result in dermatitis Suspected of causing genetic defects. Suspected of damaging fertility.

**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.

[3R-(3Alpha,3Abeta,7Beta,8Alpha)]-1-(2,3,4,7,8,8A-Hexahydro-3,6,8,8-Tetramethyl-1H-3A,7-Methanoazulen-5-Yl) Ethan-1-One: LD50 Oral Rat 4,500 mg/kg; LD50 Dermal Rabbit >5,000 mg/kg; LC50 Inhalation Rat > 5.1 mg/L/ 4 hr.

Alpha-Hexylcinnamaldehyde: LD50 Oral Rat 3,100 mg /kg

4-(4-Hydroxy-4-Methylpentyl) Cyclohex-3-Enecarbaldehyde: LD50 Oral Rat 3,250 mg /kg  
LD50 Dermal Rabbit 11,300 mg/kg

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-Tetramethyl-2-Naphthyl) Ethan-1-One: Not acutely Toxic.

Citronellol: LD50 Oral Rat 3,450 mg /kg; LD50 Dermal Rat 2,650 mg/kg

Coumarin: LD50 Oral Rat 293 mg/kg

2-(4-Tert-Butylbenzyl) Propionaldehyde: LD50 Oral Rat 1,390 mg/kg; LD50 Dermal Rat >2,000 mg/kg  
LC50 Inhalation Rat >0.18 mg/L/ 7 hr.

Limonene: Oral rat LD50: 4400 mg/kg; LD50 Skin rabbit: >5000 mg/kg

Alpha-Methyl-1,3-Benzodioxole-5-Propionaldehyde: LD50 Oral Rat 3,600 mg/kg; LD50 Dermal Rabbit >2,000 mg/kg

Pinene, Mixture Alpha, Beta: LD50 Oral Rat 4,700 mg /kg

A-Damascone: Not acutely Toxic.

Camphor: LD50 Oral Mouse 1,310 mg /kg

## 12. Ecological Information

### **Ecotoxicity:**

No ecotoxicity data is currently available for product.

### **Persistence and Degradability:**

No data available for product.

### **Bio accumulative Potential:**

No data available for product.



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#### **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 in non-bulk packaging. (See 49CFR173.150)

**Canadian TDG Hazardous Materials Description:** Not Regulated

**IMDG Dangerous Goods Description:** UN3082, Environmentally Hazardous Substance, Liquid, n.o.s. (2-HYDROXY-BENZOIC ACID-HEXYLESTER, 4-TERT.-BUTYLCYCLOHEXYLACETATE),9,PGIII, Marine Pollutant  
Excepted in packages with inner containers less than 5 L per IMDG 2.10.2.7

### 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. 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): None

#### **Canada:**

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.



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### 16. Other Information

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

REVISION DATE: 07/01/2015

REVISION SUMMARY: New SDS.

PREVIOUS REVISION DATE: N/A

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