



# 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® Essential™ Blends Lemon Bergamot Hanging Diffuser  
**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:** 10/11/2017

**Product Use and Uses Advised Against:** Automotive air freshening 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>	<b>Health:</b>
Flammable Liquid Category 4	Eye Irritant Category 2 Skin Irritant Category 2 Skin Sensitizer Category 1

**GHS Label Elements:**



**WARNING!**

<b>Statements of Hazard</b>	<b>Precautionary Phrases</b>
Combustible Liquid Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.	<b>Prevention</b> Keep away from flames and hot surfaces. No smoking. Wash thoroughly after handling. Avoid breathing vapors. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves and eye protection.



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### Response

**IF ON SKIN:** Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.  
**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 dry chemical, carbon dioxide, alcohol-resistant foam, or water mist to extinguish.

### Storage

Store in a well-ventilated place. Keep cool

### Disposal

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

## 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Distillates (petroleum),hydrotreated light	64742-47-8	10-20%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	10-20%
2,6-Dimethylheptan-2-ol	13254-34-7	1-5%
3,7-Dimethyloctane-1,7-diol	107-74-4	1-5%
Citronellol	106-22-9	1-5%
Pentadecan-15-olide	106-02-5	1-5%
Pin-2(10)-ene	127-91-3	0.1-1%
(R)-p-Mentha-1,8-diene	5989-27-5	0.1-1%
Linalool	78-70-6	0.1-1%
Geranyl acetate	105-87-3	0.1-1%

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. Wash contaminated clothing before reuse.

**Eye Contact:** Flush eyes with large amounts of water for 15 minutes. If irritation or other symptoms persist, seek medical attention.

**Ingestion:** Do not induce vomiting unless directed to by a doctor or physician. 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:** Causes skin irritation. May cause an allergic skin reaction in sensitive individuals. Causes serious eye irritation with redness, tearing, and pain.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical attention is not required for normal use.



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### 5. Firefighting Measures

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

**Specific Hazards Arising from the Chemical:** Burning will produce carbon dioxide, carbon monoxide and unburned hydrocarbons.

**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
Distillates (petroleum),hydrotreated light	None Established
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	None Established
2,6-Dimethylheptan-2-ol	None Established
3,7-Dimethyloctane-1,7-diol	None Established
Citronellol	None Established
Pentadecan-15-olide	None Established
Pin-2(10)-ene	20 ppm TWA ACGIH TLV (DSEN)
(R)-p-Mentha-1,8-diene	None Established
Linalool	None Established
Geranyl acetate	None Established

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

**Personal Protective Equipment:**



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**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:** Colorless to pale yellow liquid with a characteristic odor contained in a vapor permeable membrane within a plastic clip.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not determined	<b>Specific Gravity:</b> 0.935-0.945
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Pressure:</b> 1 kPa at 50 °C
<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> 188.6°F (87°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, strong acids, and strong bases.

**Hazardous Decomposition Products:** Oxides of carbon and unburned hydrocarbons.

### 11. Toxicological Information

#### Potential Health Effects:

#### **Acute Hazards:**

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

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

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



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**Ingestion:** Swallowing may cause nausea, vertigo, dizziness, and gastrointestinal disturbances.

**Chronic Hazards:** Prolonged dermal over exposures may result in dermatitis.

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

### **Acute Toxicity Values:**

Product ATE: Oral LD50 > 5,000 mg/kg

Distillates (petroleum),hydrotreated light: LD50 Oral Rat: >5000 mg/kg, LD50 Skin Rabbit: >2000 mg/kg, LC50

Inhalation Rat: >5.28 mg/L/4 hr

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: LD50 Oral Rat: 5000 mg/kg, LD50 Skin Rabbit: 5000 mg/kg

2,6-Dimethylheptan-2-ol: No toxicity data available

3,7-Dimethyloctane-1,7-diol: No toxicity data available

Citronellol: LD50 Oral Rat: 3450 mg/kg, LD50 Skin Rabbit: 2650 mg/kg

Pentadecan-15-olide: LD50 Oral Rat: >2000 mg/kg, LD50 Skin Rabbit: >5000 mg/kg

Pin-2(10)-ene: LD50 Oral Rat: >5000 mg/kg, LD50 Skin Rabbit: >5000 mg/kg

(R)-p-Mentha-1,8-diene: LD50 Oral Rat: 4400 mg/kg, LD50 Skin Rabbit: 5000 mg/kg

Linalool: LD50 Oral Rat: 2790 mg/kg, LD50 Skin Rabbit: 5610 mg/kg

Geranyl acetate: LD50 Oral Rat: 6330 mg/kg

## 12. Ecological Information

### **Ecotoxicity:**

No ecotoxicity data is currently available for product. This product is expected to be very toxic to aquatic life with long lasting effects.

### **Persistence and Degradability:**

No data available for product.

### **Bio accumulative 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 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. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, (R)-p-Mentha-1,8-diene),9, PGIII, Marine



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Pollutant

Note: 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):** Refer to Section 2 for OSHA Hazard Classification.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

### 16. Other Information

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

DATE OF CURRENT REVISION: 10/11/2017

REVISION SUMMARY: New SDS

DATE OF PREVIOUS REVISION: N/A

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