



# 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 Freshening Multi-Purpose Cleaner - New Car

**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:** 10/13/2015

**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:**

<b>Physical:</b> Not Hazardous	<b>Health:</b> Eye Irritant Category 2A
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**GHS Label Elements:**



**WARNING!**

Statements of Hazard	Precautionary Phrases
Causes serious eye irritation.	Wash exposed skin thoroughly after handling. Wear eye protection. IF ON SKIN: Wash with plenty of water and soap. 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.



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### 3. Composition/Information On Ingredients

Component	CAS No.	Amount
Non-Hazardous Ingredients	Mixture	>97%
Alkyl dimethyl benzyl ammonium chloride (C12-C16)	68424-85-1	< 1.0%
Monoethanolamine	141-43-5	< 1.0%
Ethoxylated Alcohol	Trade Secret	< 1.0%

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 with soap and water. If skin irritation or redness develops, seek medical attention.

**Eye Contact:** Flush eyes with plenty of water for several minutes. If eye irritation persists, 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:** Eye contact causes eye irritation. May cause mild skin irritation. May cause mild respiratory irritation.

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

### 5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use any media that is suitable for the surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising From the Chemical:** Closed containers may rupture if exposed to extreme heat. Burning may release 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.

### 6: Accidental Release Measures

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

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

**Methods and Materials for Containment / Cleanup:** Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with water.



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## 7. Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Use only with appropriate protective equipment. Launder contaminated clothing before re-use.

Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Protect containers from physical damage. Store in a cool, well-ventilated area away from acids and other incompatible materials.

## 8. Exposure Controls / Personal Protection

### Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-Hazardous Ingredients	None Established
Alkyl dimethyl benzyl ammonium chloride (C12-C16)	None Established
Monoethanolamine	3 ppm TWA, 6 ppm STEL ACGIH TLV 6 ppm TWA OSHA PEL
Ethoxylated Alcohol	None Established

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

### Personal Protective Equipment

**Respiratory Protection:** Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. For operations where exposure limits may be exceeded use a NIOSH approved respirator (mask) with appropriate eye protection. A full face piece respirator provides both eye and respiratory protection. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134, and all other applicable regulations; and good Industrial Hygiene practice.

**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:** 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:** Liquid with a characteristic odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not available
<b>pH:</b> 10.5 -11.4	<b>Specific Gravity:</b> ~1
<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> Complete	<b>Percent Volatile:</b> > 95



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<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> > 200°F (93.3°C)	<b>Autoignition Temp:</b> Not determined
<b>Decomposition Temperature:</b> Not determined	<b>Flammability Limits:</b> LEL: Not determined UEL: Not determined
<b>Flammability (solid, gas):</b> Not applicable	

### 10. Stability and Reactivity

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None known

**Conditions To Avoid:** None known

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

**Hazardous Decomposition Products:** Thermal decomposition will generate oxides of carbon.

### 11. Toxicological Information

#### POTENTIAL HEALTH EFFECTS:

##### Acute Hazards:

**Inhalation:** May cause mild irritation to mucous membranes and upper respiratory tract.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation in some individuals.

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

**Ingestion:** Swallowing may cause gastrointestinal disturbances.

**Chronic Hazards:** None currently known.

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

##### Acute Toxicity Values:

Calculated ATE for Product:     ATE Oral: >2,000 mg/kg  
  ATE Skin: >2,000 mg/kg

Monoethanolamine:            LD50 Oral Rat: 1,515 mg/kg  
  LD50 Skin Rabbit: 2,504 mg/kg  
  LC50 Inhalation Rat: >1.3 mg/L/6 hr.

Alkyl dimethyl benzyl ammonium chloride  
(C12-16):                        LD50 Oral Rat: 426 mg/kg



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Ethoxylated Alcohol: LD50 Oral 1450 mg/kg (Calculated)  
LC50 Inhalation > 2.85 mg/L (Calculated)

### 12. Ecological Information

#### **Ecotoxicity:**

Monoethanolamine: LC50 Danio rerio (zebra fish) 3,682 mg/L/96 hr.  
EC50 Daphnia magna (Water flea, neonate) 65 mg /L/24 hr.

#### **Persistence and Degradability:**

Monoethanolamine: Readily biodegradable

#### **Bio accumulative Potential:**

Monoethanolamine: Not expected to exhibit a significant bioaccumulation potential.

#### **Mobility in Soil:**

Monoethanolamine: No data available

**Other Adverse Effects:** No data available

### 13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

### 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. 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): None



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### **Canada:**

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian DSL.

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: 0	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0

DATE OF CURRENT REVISION: 10/13/2015

REVISION SUMMARY: New SDS

DATE OF PREVIOUS REVISION: N/A

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