



# Material Safety Data Sheet

The Armor All/STP Products Company

## 1. Product And Company Identification

**Product Name:** ARMOR ALL® Multi-Purpose Cleaner Spray

**Responsible Party:** The Armor All/STP Products Company

**MSDS Date Of Preparation:** 12/06/12

**Product Use:** Automotive maintenance product – For consumer and professional use

## 2. Hazards Identification

### EMERGENCY OVERVIEW

CAUTION: Eye irritant. Prolonged skin contact may cause mild irritation and dryness.

## 3. Composition/Information On Ingredients

Component	CAS No.	Amount
Alkyl dimethyl benzyl ammonium chloride (C12-C16)	68424-85-1	<0.3%
Non-Hazardous Ingredients	Mixture	Balance

## 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 or redness develops, seek medical attention.

**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. 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.

## 5. Firefighting Measures

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

**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.



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**Unusual Fire Hazards:** Closed containers may rupture if exposed to extreme heat.

**Hazardous Combustion Products:** None known.

## 6: Accidental Release Measures

**Personal Precautions:** Wear appropriate protective equipment.

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

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

## 7. Handling and Storage

Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Rinse exposed skin with water after use. Not for personal cleansing. Keep out of the reach of children.

No special storage required.

## 8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Alkyl dimethyl benzyl ammonium chloride (C12-C16)	None Established
Non-Hazardous Ingredients	None Established

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

**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:** 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 pleasant odor.

<b>pH:</b> 10.9 – 11.9	<b>Specific Gravity:</b> ~1.0
<b>Boiling Point:</b> Not determined	<b>Vapor Pressure:</b> Same as water
<b>Freezing Point:</b> Not determined	<b>Vapor Density:</b> Same as water
<b>Solubility In Water:</b> Complete	<b>Percent Volatile:</b> >98%
<b>Viscosity:</b> Not determined	<b>Evaporation Rate:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>Autoignition Temp:</b> Not applicable
<b>Flash Point:</b> >200°F (93.3°C)	



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**Flammability Limits:** LEL: Not applicable | LEL: Not applicable

### 10. Stability and Reactivity

**Stability:** Stable

**Conditions To Avoid:** None known.

**Incompatibility:** None known.

**Hazardous Decomposition Products:** None known

### 11. Toxicological Information

**Acute Hazards:**

**Inhalation:** Inhalation of mists may cause mild upper respiratory tract irritation.

**Skin Contact:** Prolonged or repeated contact may cause irritation and drying.

**Eye Contact:** Direct contact may cause eye irritation with redness, tearing and pain.

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

**Chronic Hazards:** None currently known.

**Medical Conditions Aggravated By Exposure:** May aggravate an existing dermatitis.

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

**Acute Toxicity Values:**

Alkyl dimethyl benzyl ammonium chloride (C12-C16): LD50 Oral Rat: 50-500 mg/kg

### 12. Ecological Information

No ecotoxicity data is currently available. This product may be harmful to aquatic life if released directly to the environment.

### 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



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### 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

#### Canada:

**Canadian WHMIS Classification:** Class D - Division 2 - Subdivision B - (Toxic material causing other toxic effects)

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

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS 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: 1	Fire: 0	Reactivity: 0

REVISION SUMMARY: Change to section 3, 8, 9, 11.

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