



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® Original Protectant

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: 01/31/2015

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 differ from the OSHA information shown below.

GHS Classification:

Physical:	Health:
Not Hazardous	Not Hazardous

GHS Label Elements: None

Hazards not otherwise specified: None

Percentage of unknown toxicity: N/a

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Non-Hazardous Ingredients	Mixture	95> - 100%
Mineral Oil	8042-47-5	< 5%

The specific identity and/or exact percentage (concentration) of composition has been withheld as 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: Rinse skin with plenty of water. If skin irritation or redness develops, seek medical attention.

Eye Contact: Flush eyes with plenty of water. If irritation or other symptoms persist, seek medical attention.



Safety Data Sheet

The Armor All/STP Products Company

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

Ingestion: Do not induce vomiting unless directed to by doctor or physician. If the victim is fully conscious, have them drink a glass of 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: Direct eye contact may cause mild irritation.

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

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use dry chemical, carbon dioxide, foam, or water spray.

Specific Hazards Arising from the Chemical: Closed containers may rupture if exposed to extreme heat. Thermal decomposition will generate oxides of carbon and silicon and formaldehyde.

Special Protective Equipment and Precautions for Fire-fighters: 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 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

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Wash hands after use. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: No special storage required.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-Hazardous Ingredients	None Established
Mineral Oil	5.0 mg/m ³ inhalable TWA ACGIH TLV 5.0 mg/m ³ TWA OSHA PEL

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

Personal Protective Equipment



Safety Data Sheet

The Armor All/STP Products Company

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

Respiratory Protection: None required under normal use conditions.

Gloves: None required under normal use conditions.

Eye Protection: None required for normal use. Avoid eye contact.

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

9. Physical and Chemical Properties

Appearance and Odor: Opaque, white viscous liquid with a slight odor.

Physical State: Liquid	Odor Threshold: Not available
pH: 7.5 - 9.0	Specific Gravity: ~1
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Easily soluble	Percent Volatile: >80%
Viscosity: ~ 3,000 cP	Evaporation Rate: Not determined
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: Not determined
Flash Point: >212°F (>100°C)	Autoignition Temp: Not determined
Decomposition Temperature: Not determined	Flammability Limits: LEL: Not determined UEL: Not determined
Flammability (solid, gas): 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.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, silicon dioxide, and formaldehyde.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Acute Hazards:

Inhalation: No adverse effects expected from the normal use of this product.

Skin Contact: No adverse effects expected from the normal use of this product.

Eye Contact: Direct contact may cause slight eye irritation.

Ingestion: Swallowing may cause gastrointestinal disturbances.



Safety Data Sheet

The Armor All/STP Products Company

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

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:

No data available for product.

Mineral Oil: LD50 Rat oral > 5,000 mg/kg
LD50 Rabbit dermal > 2,000 mg/kg
LC50 Rat inhalation > 5,000 mg/L/4 hr.

12. Ecological Information

Ecotoxicity:

No ecotoxicity data is currently available for product.

Mineral Oil: NOEL Oncorhynchus mykiss \geq 100 mg/L/96 hr.
NOEL Daphnia magna \geq 100 mg/L/96 hr.

Persistence and Degradability: No data available

Bio accumulative Potential: No data available

Mobility in Soil: 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.



Safety Data Sheet

The Armor All/STP Products Company

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Danbury, CT 06810
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CERCLA Section 103: This product has no RQ, however, oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not hazardous

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: Not a controlled product.

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

REVISION SUMMARY: January 31, 2015 Update to GHS SDS format and name change: Changes to all sections.

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



Safety Data Sheet

The Armor All/STP Products Company

44 Old Ridgebury Road
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1. Product And Company Identification

Product Name: ARMOR ALL® Glass Wipes

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: 01/20/2015

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 differ from the OSHA information shown below.

GHS Classification:

Physical:	Health:
Not Hazardous	Not Hazardous

GHS Label Elements: None

Hazards not otherwise specified: None

Percentage of unknown toxicity: N/a

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Non-Hazardous Ingredients	Mixture	95 -99%
Propylene glycol n-butyl ether	5131-66-8	1-5%

The specific identity and/or exact percentage (concentration) of composition has been withheld as 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. If irritation or other symptoms persist, seek medical attention.



Safety Data Sheet

The Armor All/STP Products Company

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

Ingestion: If the victim is fully conscious, have them drink a glass of 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: Direct eye contact may cause mild irritation. Prolonged or repeated skin contact may cause mild irritation and dryness in some individuals.

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 appropriate for the surrounding fire.

Specific Hazards Arising from the Chemical: Wipes will burn under fire conditions after water has evaporated. Burning may produce oxides of carbon.

Special Protective Equipment and Precautions for Fire-fighters: 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: Ventilate the area.

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

Methods for Containment and Clean-Up: Pick up and place in a suitable container for disposal. Rinse area with water.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Wash hands after use. Not for personal cleansing. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: No special storage required.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-Hazardous Ingredients	None Established
Propylene glycol n-butyl ether	50 ppm TWA (manufacturer recommended)

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



Safety Data Sheet

The Armor All/STP Products Company

44 Old Ridgebury Road
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Tel. 1-203-205-2900

Personal Protective Equipment

Respiratory Protection: None under normal use conditions.

Gloves: None normally required.

Eye Protection: None required for normal use. Avoid eye contact. 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: Wipes moistened with clear liquid with a mild odor..

Physical State: Wipes moistened with clear liquid	Odor Threshold: Not available
pH: 9.0-11.0 (Liquid component)	Specific Gravity: 1.0 @ 25°C (Liquid component)
Initial Boiling Point/Range: 212°F (100°C) (Liquid component)	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Easily soluble (Liquid component)	Percent Volatile: >95% (Liquid component)
Viscosity: Not determined	Evaporation Rate: Not determined
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: Not determined
Flash Point: >220°F (>104.4°C) (Liquid component)	Autoignition Temp: Not determined
Decomposition Temperature: Not determined	Flammability Limits: LEL: Not determined UEL: Not determined
Flammability (solid, gas): Not applicable	

10. Stability and Reactivity

Reactivity: Not normally reactive

Chemical Stability: Stable.

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: Thermal decomposition will generate carbon monoxide, and carbon dioxide.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Acute Hazards:

Inhalation: Inhalation of high vapor concentrations may cause upper respiratory tract irritation.

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

Eye Contact: Direct contact may cause slight eye irritation.



Safety Data Sheet

The Armor All/STP Products Company

44 Old Ridgebury Road
Suite 300
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Tel. 1-203-205-2900

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:

Propylene glycol n-butyl ether: LD50 Oral Rat: 3,300 mg/kg
LD50 Skin Rat: >2,000 mg/kg

12. Ecological Information

Ecotoxicity:

Propylene glycol n-butyl ether: LC50 Guppy: 560-1000 mg/L/ 96 hr.
LC50 Daphnia: >1000 mg/L/ 48 hr.

Persistence and Degradability:

Propylene glycol n-butyl ether: Readily biodegradable

Bio accumulative Potential: No data available

Mobility in Soil: 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.



Safety Data Sheet

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SARA Hazard Category (311/312): Not hazardous

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: Not a controlled product.

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: 0	Fire: 1	Instability: 0
HMIS Rating:	Health: 0	Fire: 1	Physical Hazard: 0

REVISION SUMMARY: Update to OSHA HazCom 2012 GHS format. Changes to all sections.

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



Safety Data Sheet

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1. Product And Company Identification

Product Name: ARMOR ALL® Ultra Shine Wash & Wax

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: 06/11/2015

Product Use and Uses Advised Against: Auto cleaning product – For consumer 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:
Non-Hazardous	Eye Irritation Category 2A

GHS Label Elements:



WARNING!

Statements of Hazard

Causes serious eye irritation.

Prevention

Wash thoroughly after handling.
Wear 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.

Hazards not otherwise specified: None



Safety Data Sheet

The Armor All/STP Products Company

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

Percentage of unknown toxicity: N/A

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Non-Hazardous Ingredients	Mixture	>94%
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	1 – <3%
Sodium alpha-olefin sulfonate	68439-57-6	1 – <3%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: If inhaled, remove to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

Skin Contact: Rinse skin with plenty of water. If skin irritation develops, seek medical attention.

Eye Contact: If contact occurs, flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

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 causes 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 sulfur and 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 clothing and equipment as described in Section 8.

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



Safety Data Sheet

The Armor All/STP Products Company

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

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

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. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Non-Hazardous Ingredients	None Established
Benzenesulfonic acid, C10-16-alkyl derivs.	None Established
Sodium alpha-olefin sulfonate	None Established

Appropriate 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 exposures may be excessive 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. Impervious gloves such as rubber, neoprene or nitrile are recommended for prolonged or repeated contact.

Eye Protection: Safety glasses or goggles are recommended if eye contact is possible.

Other Protective Equipment/Clothing: None required with normal use.

9. Physical and Chemical Properties

Appearance And Odor: Clear, thick, orange liquid with a fruity, apple, melon scent.

Physical State: Clear liquid.	Odor Threshold: Not available
pH: ~7.5	Specific Gravity: Not determined
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not determined



Safety Data Sheet

The Armor All/STP Products Company

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

Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Complete	Percent Volatile: >85%
Viscosity: ~ 500cP	Evaporation Rate: Not determined
Relative Density: ~ 1.0	VOC Content: Not available
Coefficient Of Water/Oil Distribution: Not determined	Autoignition Temp: Not determined
Flash Point: Not applicable	Flammability Limits: LEL: Not applicable UEL: Not applicable
Decomposition Temperature: Not available	Flammability (solid, gas): Not applicable

10. Stability and Reactivity

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Will react with acids and strong oxidizing agents.

Conditions To Avoid: None known.

Incompatible Materials: Acids and strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may release oxides of sulfur and carbon.

11. Toxicological Information

Acute Hazards:

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

Skin Contact: May causes mild skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Swallowing may cause gastrointestinal disturbances.

Chronic Effects: 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:

Sodium alpha-olefin sulfonate: LD50 Oral Rat: 2,079 mg/kg
LD50 Skin Rabbit: > 6,300 mg/kg
LC50 Inhalation Rat: >5.2 mg/L/4 hr.

Benzenesulfonic acid, C10-16-alkyl derivs:
LD50 Oral Rat: 2,000 mg/kg
LD50 Skin Rabbit: > 2,000 mg/kg
LC50 Inhalation Rat: >1.9 mg/L/4 hr.



Safety Data Sheet

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12. Ecological Information

Ecotoxicity:

Sodium alpha-olefin sulfonate: LC50 Brach danio rerio 4.2 mg/L/96 hr
EC50 Daphnia magna (Water flea, neonate) 65 mg /L/24 hr.
EC50 Ceriodaphnia sp. 4.53 mg/L/48 hr.

Benzenesulfonic acid, C10-16-alkyl derivs:
LL50 Pimephales promelas >1,000 mg/L/ 96 hr.
EC50 : Daphnia magna >1,000 mg / L / 48 hr.

Persistence and Degradability:

Sodium alpha-olefin sulfonate: Readily biodegradable

Bio accumulative Potential:

Sodium alpha-olefin sulfonate: BCF 70.8

Mobility in Soil: No data available

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

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

Canada:

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



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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: 06/11/2015

REVISION SUMMARY: Update to OSHA HazCom 2012 GHS format. Changes to all sections.

DATE OF PREVIOUS REVISION: 08/30/2012

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



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44 Old Ridgebury Road
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Danbury, CT 06810
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1. Product And Company Identification

Product Name: ARMOR ALL® Detailer's Advantage Tire Foam®

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:

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Outside US and Canada (call collect)

SDS Date Of Preparation: 02/28/2015

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:
Flammable Aerosol Category 1 Gases Under Pressure: Compressed Gas	Eye Irritant Category 2A Skin Sensitizer Category 1

GHS Label Elements:



Danger!

Statements of Hazard	Precautionary Phrases
Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause an allergic skin reaction.	Prevention Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container. Do not pierce or burn, even after use. Avoid breathing mist, and vapors. Contaminated work clothing should not be allowed out of the workplace.



Safety Data Sheet

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44 Old Ridgebury Road
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Prevention Continued

Wash exposed skin thoroughly after handling.
Wear protective gloves, and eye protection.

Response

IF ON SKIN: Wash with plenty of water and soap.
If skin irritation or rash occurs: Get medical attention.
Wash contaminated clothing 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.

Storage

Protect from sunlight. Do not exposure to temperatures exceeding 50°C / 122°F.

Disposal

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

Hazards not otherwise specified: None

Percentage of unknown toxicity: N/A

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Propellant (propane, isobutene, dimethyl ether)	74-98-6 / 75-28-5 / 115-10-6	1 - 5%
Alcohols, ethoxylated (C10-14, C10-16)	66455-15-0 / 68002-97-1	<1%
Morpholine	110-91-8	<1%
bis (1,2,2,6,6- Pentamethyl-4-p peridiny) sebacate	41556-26-7	<1%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problems or irritation persist.

Skin Contact: Rinse skin with plenty of soap and water. If skin irritation or rash develops, seek medical attention.

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

Ingestion: If the victim is fully conscious, have them drink a glass of 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 may causes irritation. May cause allergic skin reaction in some individuals.

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

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use dry chemical, carbon dioxide, foam, or water spray.



Safety Data Sheet

The Armor All/STP Products Company

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

Specific Hazards Arising from the Chemical: Contents under pressure. Keep away from ignition source and open flames. Exposure of containers to heat and flames can cause them to rupture, often with violent force. Thermal decomposition will generate oxides of carbon, sulfur, nitrogen, and silicon; and formaldehyde.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Eliminate all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing and equipment.

Methods and Materials for Containment and Clean-Up: Place leaking can in a pail in a well-ventilated area away from ignition sources until pressure has dissipated. Collect liquid using inert material and place into a suitable container for disposal.

Environmental Precautions: Prevent entry into 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. Avoid contact with skin, and clothing. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120 °F. **U.F.C. (NFPA 30B) Level 1 Aerosol.**

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Propane	1000 ppm TWA OSHA PEL
Isobutane	250 ppm TWA ACGIH TLV
Dimethyl ether	1000 ppm TWA AIHA WEELs
Alcohols, ethoxylated (C10-14, C10-16)	None established
Morpholine	20 ppm TWA OSHA PEL (Skin) 20 ppm TWA ACGIH TLV (Skin)
bis (1,2,2,6,6- Pentamethyl4-p peridiny)l sebacate	None established

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

Personal Protective Equipment

Respiratory Protection: None under normal use conditions.

Gloves: None normally required. Protective gloves recommended to avoid skin contact.



Safety Data Sheet

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Tel. 1-203-205-2900

Eye Protection: None required for normal use. Eye protection recommended to avoid eye contact.

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

9. Physical and Chemical Properties

Appearance And Odor: Opaque, white, slightly viscous liquid with a mild solvent odor in an aerosol can.

Physical State: Liquid-based aerosol	Odor Threshold: Not determined
pH: ~ 9.0	Vapor Pressure: Not determined
Initial Boiling Point/Range: Not determined	Vapor Density: Not determined
Melting/Freezing Point: Not determined	Percent Volatile: Not determined
Solubility In Water: Easily soluble	Evaporation Rate: Not determined
Viscosity: ~ 30 cP	VOC Content: Not determined
Specific Gravity: ~1	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flammability (solid, gas): Not applicable
Flash Point: >200°F (>93°C) (Closed Cup) (Liquid component) Propellant is a flammable gas.	Decomposition Temperature: Not available
Flammability Limits: LEL: 2.1% (Isobutane)	UEL: 27.0%(Dimethyl ether)

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Conditions to Avoid: Keep away from excessive heat, sparks and open flames. Containers may rupture at temperatures > 120°F (48.8°C).

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, sulfur, nitrogen, and silicon; and formaldehyde.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: No adverse effects expected from the normal use of this product.

Skin Contact: May cause allergic skin reaction (sensitization) with itching or rash in susceptible individuals.

Eye Contact: Contact causes eye irritation with redness and tearing.

Ingestion: Ingestion is an unlikely route exposure for aerosol products. Swallowing may cause gastrointestinal disturbances.

Chronic Effects: None known

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



Safety Data Sheet

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Numerical Measures of Toxicity:

Propane:	LC50 Rat inhalation >800,000 ppm
Isobutane:	LC50 Rat inhalation 658 mg/l/4 hr.
Dimethyl Ether:	LC50 Rat inhalation 308 mg/l/4 hr.
Alcohols, ethoxylated (C10-14, C10-16) (Based on similar materials)	LD50 Rat Oral >1000 mg/kg LD50 Rat Dermal > 2000 mg/kg
Moroholine:	LD50 Rat Oral 1900 mg/kg LD50 Rabbit Dermal 500 mg/kg LC50 Rat inhalation 24 mg/l/4 hr.
bis (1,2,2,6,6- Pentamethyl4-p peridiny)l sebacate:	LD50 Rat Oral 3125 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.

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. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description: UN1950, Aerosols, Class 2.1, Ltd Qty

IMDG Dangerous Goods Description: UN1950, Aerosols, 2.1, Ltd Qty

IATA International Air Transport Association: UN1950, Aerosols, Class 2.1, Ltd Qty

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): Fire Hazard, Sudden Release of Pressure, Acute Health



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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 A (Compressed Gas), Class B-5 (Flammable Aerosol), Class D-2-B: (Toxic material causing other chronic effects.)

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: 2	Fire: 4	Instability: 0
HMIS Rating:	Health: 2	Fire: 2	Physical Hazard: 0

REVISION SUMMARY: February 28, 2015 Update to GHS SDS format and name change: Changes to all sections.

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