



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® Extreme Bug & Tar Remover

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: 06/29/2016

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: Flammable Liquid Category 4	Health: Non-Hazardous
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GHS Label Elements:

WARNING!

Statements of Hazard	Precautionary Phrases
Combustible Liquid	Keep away from flames and hot surfaces. No smoking. Wear protective gloves, and eye protection. In case of fire: Use carbon dioxide (CO ₂), dry chemical, or foam to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents and container in accordance with local and national regulations.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Mineral Spirits	64742-47-8	<10%

The exact concentrations are a trade secret.



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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 plenty of water. If irritation or other symptoms persist, seek medical attention.

Ingestion: Do not induce vomiting unless directed by doctor or medical professional. Get medical assistance by calling a doctor or poison center.

Most Important Symptoms: May cause mild skin irritation. Direct contact may cause eye irritation. Inhalation of mists or vapors in large concentrations may cause central nervous system effects such as dizziness, drowsiness, headache and nausea. Ingestion may cause gastrointestinal effects.

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

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use carbon dioxide (CO₂), dry chemical, or foam to extinguish. Cool fire exposed containers with water.

Specific Hazards Arising from the Chemical: Combustible liquid. Vapors may accumulate in confined areas and present a fire or explosion hazard. Closed containers may rupture if exposed to extreme heat. Burning may produce carbon monoxide, and carbon dioxide.

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: Eliminate all ignition sources and ventilate the area. Keep unprotected personnel away. Wear appropriate protective clothing and equipment as described in Section 8.

Methods for Containment and Clean-Up: Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal. Clean area as appropriate.

Environmental Precautions: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations. Notify the National Response Center if a spill of any amount enters navigable waters, the contiguous zone, or adjoining shorelines.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists.



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Wash exposed skin thoroughly with soap and water after use. Do not drink or eat when using this product. Keep containers closed when not in use. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area. Store away from oxidizing agents and other incompatible materials.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Mineral Sprits	5 mg/m ³ TWA OSHA PEL (As oil mist)
	5 mg/m ³ TWA ACGIH TLV (Inhalable)

Engineering Controls: General ventilation should be adequate for all normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits. Use explosion-proof equipment where required.

Personal Protective Equipment

Respiratory Protection: None under normal use conditions. For operations where the exposure limits are exceeded, a NIOSH approved respirator with an organic vapor cartridge or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Gloves: Impervious gloves such as neoprene or nitrile are recommended if needed to avoid prolonged or repeated skin contact.

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: Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact.

9. Physical and Chemical Properties

Appearance and Odor: Opaque white viscous liquid.

Physical State: Liquid	Odor Threshold: Not available
pH: 8.2	Specific Gravity: Not determined
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Not determined	Percent Volatile: Not determined
Viscosity: 4,000-5,000 cP	Evaporation Rate: Not determined
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: Not determined
Flash Point: >150°F (65.6°C) CC	Autoignition Temp: Not determined
Decomposition Temperature: Not determined	Flammability Limits: LEL: Not determined UEL: Not determined
Flammability (solid, gas): Not applicable	



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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: Burning may produce carbon monoxide, and carbon dioxide.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Acute Hazards:

Inhalation: Inhalation of mists or vapors may cause central nervous system effects such as dizziness, drowsiness, headache and nausea.

Skin Contact: May cause mild skin irritation.

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

Ingestion: Swallowing may cause gastrointestinal disturbances.

Chronic Hazards: Prolonged or repeated overexposure may cause adverse effects on the blood, kidneys, liver, and heart.

Carcinogenicity Listing: None of the components at 0.1% or greater are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values:

Mineral Spirits: Oral rat LD50: >5000 mg/kg
Inhalation rat LC50: 0.57 mg/L/4 hr. (no deaths recorded at this level).

12. Ecological Information

Ecotoxicity:

Mineral Spirits: LL50: Fish 2-5 mg/L/ 96 hr.

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



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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 in non-bulk containers.

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. 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): Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

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.

16. Other Information

NFPA Rating (NFPA 704):	Health: 1	Fire: 2	Instability: 0
HMIS Rating:	Health: 1	Fire: 2	Physical Hazard: 0

REVISION DATE: 06/29/2017

REVISION SUMMARY: New SDS

PREVIOUS REVISION DATE: N/A

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