



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Armor All Extreme Bug & Tar Remover - Spray**  
Alternative number(s) 070612184986, 067788187408

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses General use

#### 1.3 Details of the supplier of the safety data sheet

Energizer Manufacturing, Inc.  
25225 Detroit Rd.  
Westlake OH 44145  
United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)  
e-mail: Autocare.regulatory@energizer.com  
Website: <http://data.energizer.com>

#### 1.4 Emergency telephone number

Emergency information service FOR EMERGENCY in USA & Canada CALL +1 800 255-3924 / For International CALL +1 813 248 0585  
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
B.6	flammable liquid	4	Flam. Liq. 4	H227

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning  
- Pictograms not required

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### - Hazard statements

H227 Combustible liquid.

### - Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P280 Wear protective gloves/eye protection/face protection.  
 P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

Hazards not otherwise classified

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .



## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Naphtha (petroleum), hydro-treated heavy	CAS No 64742-48-9	5 - < 10	Asp. Tox. 1 / H304 Flam. Liq. 1 / H224	
Light aromatic hydrocarbons	CAS No 8052-41-3	< 1	Acute Tox. 3 / H331 Skin Irrit. 2 / H315 STOT RE 1 / H372 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	

### Remarks

For full text of abbreviations: see SECTION 16



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### SECTION 4: First-aid measures

#### 4.1 Description of first-aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

#### 4.3 Indication of any immediate medical attention and special treatment needed

none

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

##### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.



## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

### Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

##### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

##### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

##### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Managing of associated risks

#### - Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

#### - Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

#### Control of the effects

#### Protect against external exposure, such as

frost

#### - Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	petroleum distillates (naphtha) (rubber solvent)	64742-48-9	PEL	500	2,000						29 CFR 1910.1000
US	stoddard solvent	8052-41-3	PEL (CA)	100	525						Cal/OSHA PEL
US	stoddard solvent	8052-41-3	REL		350 (10 h)				1,800 (15 min)		NIOSH REL
US	stoddard solvent	8052-41-3	TLV®	100							ACGIH® 2024



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	stoddard solvent	8052-41-3	PEL	500	2,900						29 CFR 1910.1000

#### Notation

Ceiling-C  
STEL

ceiling value is a limit value above which exposure should not occur  
short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

### Relevant DNELs of components

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Light aromatic hydrocarbons	8052-41-3	DNEL	44 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	55 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	44 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Light aromatic hydrocarbons	8052-41-3	DNEL	55 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
Light aromatic hydrocarbons	8052-41-3	DNEL	80 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	30 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

### Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Light aromatic hydrocarbons	8052-41-3	PNEC	0.14 mg/l	aquatic organisms	freshwater	short-term (single instance)
Light aromatic hydrocarbons	8052-41-3	PNEC	0.35 mg/l	aquatic organisms	marine water	short-term (single instance)
Light aromatic hydrocarbons	8052-41-3	PNEC	1.14 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Light aromatic hydrocarbons	8052-41-3	PNEC	0.14 mg/kg	aquatic organisms	marine sediment	short-term (single instance)

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

##### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Color	not determined
Particle	not relevant (liquid)
Odor	characteristic



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	>65.6 °C
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)

### Explosive limits

- Lower explosion limit (LEL)	1.4 vol%
- Upper explosion limit (UEL)	7.6 vol%

Vapor pressure	≤240 kPa at 37.8 °C
Density	not determined
Vapor density	this information is not available
Relative density	Information on this property is not available
Solubility(ies)	not determined

### Partition coefficient

- n-octanol/water (log KOW)	this information is not available
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Auto-ignition temperature	not determined
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### 9.2

#### Other information

there is no additional information



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 10.5 Incompatible materials

Oxidizers

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
Light aromatic hydrocarbons	8052-41-3	inhalation: vapor	>5.5 mg/l/4h



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Naphtha (petroleum), hydrotreated heavy	64742-48-9	LL50	8.2 mg/l	fish	96 h
Naphtha (petroleum), hydrotreated heavy	64742-48-9	EL50	4.5 mg/l	aquatic invertebrates	48 h
Light aromatic hydrocarbons	8052-41-3	LC50	0.18 mg/l	fish	96 h
Light aromatic hydrocarbons	8052-41-3	LL50	41.4 mg/l	fish	96 h
Light aromatic hydrocarbons	8052-41-3	EL50	2.5 mg/l	algae	96 h



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Light aromatic hydrocarbons	8052-41-3	EC50	0.58 mg/l	algae	96 h
Light aromatic hydrocarbons	8052-41-3	NOELR	0.76 mg/l	algae	96 h
Light aromatic hydrocarbons	8052-41-3	NOEC	0.16 mg/l	algae	96 h

### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Naphtha (petroleum), hydrotreated heavy	64742-48-9	EL50	10 mg/l	fish	21 d
Naphtha (petroleum), hydrotreated heavy	64742-48-9	EC50	15.41 mg/l	microorganisms	40 h
Light aromatic hydrocarbons	8052-41-3	EL50	1.19 mg/l	aquatic invertebrates	21 d
Light aromatic hydrocarbons	8052-41-3	EC50	0.33 mg/l	aquatic invertebrates	21 d
Light aromatic hydrocarbons	8052-41-3	NOEC	0.02 mg/l	fish	30 d
Light aromatic hydrocarbons	8052-41-3	NOELR	0.28 mg/l	aquatic invertebrates	21 d

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

14.1	<b>UN number</b>	not subject to transport regulations
14.2	<b>UN proper shipping name</b>	not relevant
14.3	<b>Transport hazard class(es)</b>	none
14.4	<b>Packing group</b>	not assigned
14.5	<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
14.6	<b>Special precautions for user</b>	
		There is no additional information.
14.7	<b>Transport in bulk according to IMO instruments</b>	
		The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

DOT

#### **Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

Not subject to transport regulations.

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

##### Toxic Substance Control Act (TSCA)

not all ingredients are listed (ACTIVE)

##### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Water	7732-18-5	solvents	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	solvents	Canada PBiTs EC Annex VI CMRs - Cat. 1B
Silicone compound	63148-62-9	defoamer	
Light aromatic hydrocarbons	8052-41-3	solvents	ATSDR Neurotoxicants EC Annex VI CMRs - Cat. 1B
Titanium Tetraisopropylate	546-68-9	film former	
Triethanolamine	102-71-6	pH Adjuster	
Polyalkoxylated Heptamethyltrisiloxane	67674-67-3	surfactant	
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	6440-58-0	antimicrobial agent	Nonfunctional constituents
xylene	1330-20-7	solvents	ATSDR Neurotoxicants CA MCLs CA TACs CDC 4th National Exposure Report IRIS Neurotoxicants OEHH RELS
Mineral Oil	8042-47-5	solvents	
Proprietary Acrylates/Acrylamide Copolymer		polymer	
Nonane	111-84-2	solvents	
1,2,3-Trimethylbenzene	25551-13-7	solvents	
Ethohexadiol	94-96-2	solvents	



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Name of substance	CAS No	Functionality	Authoritative Lists
ethylbenzene	100-41-4	fuel additive	ATSDR Neurotoxicants CA MCLs CA TACs CDC 4th National Exposure Report CWA 303(c) IARC Carcinogens - 2B OEHH RELs Prop 65
Acrylic polymer(s)	Proprietary	protective coating	
PEG	25322-68-3	polymer	
cumene	98-82-8	nonfunctional constituent	CA NLS CA TACs CDC 4th National Exposure Report IARC Carcinogens - 2B NTP 13th RoC - reasonable OEHH RELs Prop 65
naphthalene	91-20-3	nonfunctional contaminant	ATSDR Neurotoxicants CA NLS CA TACs CDC 4th National Exposure Report CWA 303(c) CWA 303(d) IARC Carcinogens - 2B IRIS Neurotoxicants NTP 13th RoC - reasonable OEHH RELs Prop 65 U.S. EPA NWMP PBTs

### - Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
Naphtha (petroleum), hydrotreated heavy	64742-48-9	A, O	

#### Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

### - Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Light aromatic hydrocarbons	8052-41-3		F2

#### Legend

- F2 Flammable - Second Degree



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Light aromatic hydrocarbons	8052-41-3	T

Legend

T Toxicity (ACGIH®)

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
acrylamide	79-06-1		cancer
acrylamide	79-06-1		developmental, male
diethanolamine	111-42-2		cancer
ethylbenzene	100-41-4		cancer
cumene	98-82-8		cancer
formaldehyde	50-00-0	gas	cancer
methanol	67-56-1		developmental
naphthalene	91-20-3		cancer

### Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)

none of the ingredients are listed

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	0	no significant risk to health
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Category	Rating	Description
Personal protection	-	

### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

### National inventories

Country	Inventory	Status
AU	AIIC	not all ingredients are listed
CA	DSL	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
US	TSCA	not all ingredients are listed
VN	NCI	not all ingredients are listed

#### Legend

AIIC Australian Inventory of Industrial Chemicals



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

### Legend

CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information, including date of preparation or last revision

#### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.2	- Signal word: danger	- Signal word: warning	yes
2.2	- Pictograms	- Pictograms: not required	yes
2.2		- Pictograms: change in the listing (table)	yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$ .	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$ .	yes
2.3	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$ .	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$ .	yes
3.2		Description of the mixture: change in the listing (table)	yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
3.2		Remarks: For full text of abbreviations: see SECTION 16	yes
7.2	- Packaging compatibilities: Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.		yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
9.1	Flash point: not determined	Flash point: >65.6 °C	yes
12.5	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$ .	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$ .	yes
12.6	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$ .	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$ .	yes
13.1	Waste treatment of containers/packages: Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	Waste treatment of containers/packages: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	yes
14.1	UN number	UN number: not subject to transport regulations	yes
14.1	DOT: UN 1993		yes
14.1	IMDG-Code: UN 1993		yes
14.1	ICAO-TI: UN 1993		yes
14.2	DOT: Flammable liquid, n.o.s.		yes
14.2	IMDG-Code: FLAMMABLE LIQUID, N.O.S.		yes
14.2	ICAO-TI: Flammable liquid, n.o.s.		yes
14.2	Technical name (hazardous ingredients): Naphtha (petroleum), hydrotreated heavy, Light aromatic hydrocarbons		yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.3	DOT: 3		yes
14.3	IMDG-Code: 3		yes
14.3	ICAO-TI: 3		yes
14.4	DOT: III		yes
14.4	IMDG-Code: III		yes
14.4	ICAO-TI: III		yes
14.7	Particulars in the shipper's declaration: UN1993, Flammable liquid, n.o.s., (contains: Naphtha (petroleum), hydrotreated heavy, Light aromatic hydrocarbons), 3, III		yes
14.7	Reportable quantity (RQ): 85,000 lbs (38,590 kg) (xylene) (naphthalene)		yes
14.7	Danger label(s): 3		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): B1, B52, IB3, T4, TP1, TP29		yes
14.7	ERG No: 128		yes
14.7	Particulars in the shipper's declaration: UN1993, FLAMMABLE LIQUID, N.O.S., (contains: Naphtha (petroleum), hydrotreated heavy, Light aromatic hydrocarbons), 3, III, >23°C c.c.		yes
14.7	Marine pollutant: -		yes
14.7	Danger label(s): 3		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): 223, 274, 955		yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7	Excepted quantities (EQ): E1		yes
14.7	Limited quantities (LQ): 5 L		yes
14.7	EmS: F-E, S-E		yes
14.7	Stowage category: A		yes
14.7	Particulars in the shipper's declaration: UN1993, Flammable liquid, n.o.s., (contains: Naphtha (petroleum), hydrotreated heavy, Light aromatic hydrocarbons), 3, III		yes
14.7	Danger label(s): 3		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): A3		yes
14.7	Excepted quantities (EQ): E1		yes
14.7	Limited quantities (LQ): 10 L		yes
14.2	UN proper shipping name	UN proper shipping name: not relevant	yes
14.3	Transport hazard class(es)	Transport hazard class(es): none	yes
14.4	Packing group	Packing group: not assigned	yes
14.7	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information: Not subject to transport regulations.	yes
14.7	International Maritime Dangerous Goods Code (IMDG) - Additional information	International Maritime Dangerous Goods Code (IMDG) - Additional information: Not subject to IMDG.	yes
14.7	International Civil Aviation Organization (ICAO- IATA/DGR) - Additional information	International Civil Aviation Organization (ICAO- IATA/DGR) - Additional information: Not subject to ICAO-IATA.	yes
15.1		NPCA-HMIS® III: change in the listing (table)	yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All Extreme Bug & Tar Remover - Spray

Version number: 7.0  
Replaces version of: 2023-08-24 (6)

Revision: 2024-03-27

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
15.1		NFPA® 704: change in the listing (table)	yes

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.