

acc. to 29 CFR 1910.1200 App D

# Armor All Extreme Tire Shine Gel

Version number: 11.0 Revision: 2024-02-07 Replaces version of: 2023-08-24 (10)

### **SECTION 1: Identification**

#### 1.1 Product identifier

Trade name Armor All Extreme Tire Shine Gel

Alternative number(s) 067788115043, 067788100056, 070612779601

#### 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)

Secti	ion	Hazard class	Category	Hazard class and category	Hazard state- ment
A.9	9	specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
A.1	0	aspiration hazard	1	Asp. Tox. 1	H304

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).

#### 2.2 Label elements

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

- Signal word danger

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- Pictograms

GHS08



- Hazard statements

H304 May be fatal if swallowed and enters airways.

H373 May cause damage to organs (nervous system) through prolonged or repeated exposure.

- 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.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P314 Get medical advice/attention if you feel unwell.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regula-

tions.

- Hazardous ingredients for labelling

Distillates (petroleum), hydrotreated light

#### 2.3 Other hazards

Hazards not otherwise classified

May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Contains a PBT-substance in a concentration of  $\geq$  0.1%. Contains a vPvB-substance in 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

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Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Distillates (petroleum), hy- drotreated light	CAS No 64742-47-8	10 - < 25	Acute Tox. 3 / H331 STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	
Dodecamethylcyclo- hexasiloxane	CAS No 540-97-6	<1	Flam. Liq. 4 / H227	

For full text of abbreviations: see SECTION 16.

#### **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 (CO2)

Unsuitable extinguishing media

Water jet

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# 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

#### 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.

#### **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.

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### **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. Use only in well-ventilated areas.

# 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

Control of the effects

Protect against external exposure, such as frost

#### 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) this information is not available

#### Relevant DNELs of components

Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of expos- ure	Used in	Exposure time
Dodecamethylcyclo- hexasiloxane	540-97-6	DNEL	11 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Dodecamethylcyclo- hexasiloxane	540-97-6	DNEL	1.22 mg/m³	human, inhalatory	worker (industry)	chronic - local ef- fects
Dodecamethylcyclo- hexasiloxane	540-97-6	DNEL	6.1 mg/m³	human, inhalatory	worker (industry)	acute - local effects

# Relevant PNECs of components

Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Dodecamethylcyclo- hexasiloxane	540-97-6	PNEC	1 <sup>mg</sup> / <sub>l</sub>	aquatic organ- isms	sewage treatment plant (STP)	short-term (single instance)

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### Relevant PNECs of components

Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Dodecamethylcyclo- hexasiloxane	540-97-6	PNEC	3.77 <sup>mg</sup> / <sub>kg</sub>	terrestrial organ- isms	soil	short-term (single instance)
Dodecamethylcyclo- hexasiloxane	540-97-6	PNEC	13.5 <sup>mg</sup> / <sub>kg</sub>	aquatic organ- isms	freshwater sedi- ment	short-term (single instance)
Dodecamethylcyclo- hexasiloxane	540-97-6	PNEC	1.35 <sup>mg</sup> / <sub>kg</sub>	aquatic organ- isms	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

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Oxidizing properties

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Physical state	liquid			
Color	opaque - white			
Particle	not relevant (liquid)			
Odor	mild hydrocarbon			
Other safety parameters	<u>'</u>			
pH (value)	8			
Melting point/freezing point	not determined			
Initial boiling point and boiling range	65 °C			
Flash point	>99.3 °C at 101.3 kPa			
Evaporation rate	Not determined			
Flammability (solid, gas)	not relevant, (fluid)			
Vapor pressure	≤3.7 kPa at 37.8 °C			
Density	not determined			
Vapor density	this information is not available			
Relative density	0.96 (air = 1)			
Solubility(ies)	not determined			
Partition coefficient				
- n-octanol/water (log KOW)	this information is not available			
Auto-ignition temperature	220 °C (auto-ignition temperature (liquids and gases))			
Viscosity	not determined			
Explosive properties	none			

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none



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#### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2D (maximum permissible surface temperature on the equip-
	ment: 215°C)

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### 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.

GHS of the United Nations, annex 4: May be harmful if inhaled.

# Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
Distillates (petroleum), hydrotreated light	64742-47-8	inhalation: vapor	>5.28 <sup>mg</sup> / <sub>l</sub> /4h

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#### 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

May cause damage to organs (nervous system) through prolonged or repeated exposure.

Hazard category	Target organ	Exposure route
2	nervous system	if exposed

#### Aspiration hazard

May be fatal if swallowed and enters airways.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Toxic 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
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 <sup>mg</sup> / <sub>l</sub>	rainbow trout (Onco- rhynchus mykiss)	96 h
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 <sup>mg</sup> / <sub>l</sub>	goldfish (Carassius auratus)	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 <sup>mg</sup> / <sub>l</sub>	water flea (Daphnia)	48 h

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# Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 <sup>mg</sup> / <sub>l</sub>	algae	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	LL50	5 <sup>mg</sup> / <sub>l</sub>	fish	96 h
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	1.4 <sup>mg</sup> / <sub>l</sub>	aquatic invertebrates	48 h
Distillates (petroleum), hydrotreated light	64742-47-8	LOEL	1 <sup>mg</sup> / <sub>l</sub>	algae	72 h
Dodecamethylcyclo- hexasiloxane	540-97-6	ErC50	>2 <sup>µg</sup> / <sub>I</sub>	algae	72 h
Dodecamethylcyclo- hexasiloxane	540-97-6	EC50	>2 <sup>µg</sup> / <sub>I</sub>	algae	72 h
Dodecamethylcyclo- hexasiloxane	540-97-6	NOEC	≥2 <sup>µg</sup> / <sub>I</sub>	algae	72 h

# Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	0.89 <sup>mg</sup> / <sub>l</sub>	aquatic invertebrates	21 d
Distillates (petroleum), hydrotreated light	64742-47-8	LOEL	1.2 <sup>mg</sup> / <sub>l</sub>	aquatic invertebrates	21 d
Dodecamethylcyclo- hexasiloxane	540-97-6	EC50	>100 <sup>mg</sup> / <sub>l</sub>	microorganisms	3 h
Dodecamethylcyclo- hexasiloxane	540-97-6	NOEC	≥14 <sup>µg</sup> / <sub>I</sub>	fish	90 d
Dodecamethylcyclo- hexasiloxane	540-97-6	LOEC	>14 <sup>µg</sup> / <sub>I</sub>	fish	90 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.

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#### 12.5 Results of PBT and vPvB assessment

Contains a PBT-substance in a concentration of  $\geq 0.1\%$ . Contains a vPvB-substance in a concentration of  $\geq 0.1\%$ .

# 12.6 Endocrine disrupting properties

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

#### 12.7 Other adverse effects

Data are not available.

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

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	UN number	not subject to transport regulations

**14.2 UN proper shipping name** not relevant

**14.3 Transport hazard class(es)** none

**14.4 Packing group** not assigned

**14.5** Environmental hazards non-environmentally hazardous acc. to the danger-

ous goods regulations

# 14.6 Special precautions for user

There is no additional information.

### 14.7 Transport in bulk according to IMO instruments

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.

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International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG.

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	
Silicone compound	63148-62-9	defoamer	
Distillates (petroleum), hydrotreated light	64742-47-8	solvents	
Polydimethylsiloxane	63148-62-9	water repellent	
Dodecamethylcyclohexasiloxane	540-97-6	emulsifier	Canada PBiTs CECBP - Priority Chemicals EC PBTs
1,3-bis(hydroxymethyl)-5,5-dimethylim- idazolidine-2,4-dione	6440-58-0	antimicrobial agent	Nonfunctional constituents
Mineral Oil	8042-47-5	solvents	
Proprietary Acrylates/Acrylamide Copolymer		polymer	
Decamethylcyclopentasiloxane	541-02-6	emulsifier	Canada PBiTs CECBP - Priority Chemicals EC PBTs
Octamethylcyclotetrasiloxane	556-67-2	emulsifier	Canada PBiTs CECBP - Priority Chemicals EC PBTs
Polyoxyethylene sorbitan trioleate	9005-70-3	emulsifier	

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

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# 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
formaldehyde	50-00-0	gas	cancer
methanol	67-56-1		developmental

# 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	1	material that must be preheated 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
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	1	material that must be preheated before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of or- dinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

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#### **National inventories**

Country	Inventory	Status
AU	AIIC	all ingredients are listed or exempt from listing
CA	DSL	all ingredients are listed or exempt from listing
CN	IECSC	all ingredients are listed or exempt from listing
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	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	all ingredients are listed or exempt from listing
PH	PICCS	all ingredients are listed or exempt from listing
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
US	TSCA	all ingredients are listed or exempt from listing
VN	NCI	not all ingredients are listed

Legend

AIIC Australian Inventory of Industrial Chemicals Chemical Inventory and Control Regulation
List of Existing and New Chemical Substances (CSCL-ENCS)
Domestic Substances List (DSL) CICR

CSCL-ENCS DSL

**ECSI** 

EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China **IECSC** 

INSQ National Inventory of Chemical Substances

ISHA-ENCS Inventory of Existing and New Chemical Substances (ISHA-ENCS)

Notes Existing Chemicals Inventory
National Chemical Inventory
New Zealand Inventory of Chemicals
Philippine Inventory of Chemicals and Chemical Substances (PICCS) KECI NCI NZIoC

**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.

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# 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- relev- ant
2.3	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.	yes
12.3	Bioaccumulative potential: The substance fulfills the very bioaccumulative criterion.	Bioaccumulative potential: Data are not available.	yes
12.6	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.	yes

# **Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations	
49 CFR US DOT	49 CFR U.S. Department of Transportation	
Acute Tox.	Acute toxicity	
Asp. Tox.	Aspiration hazard	
ATE	Acute Toxicity Estimate	
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)	
DGR	Dangerous Goods Regulations (see IATA/DGR)	
DNEL	Derived No-Effect Level	
DOT	Department of Transportation (USA)	
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval	
ED	Endocrine disruptor	
EINECS	European Inventory of Existing Commercial Chemical Substances	
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms	
ELINCS	European List of Notified Chemical Substances	
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control	
Flam. Liq.	Flammable liquid	

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Abbr.	Descriptions of used abbreviations
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
vPvB	Very Persistent and very Bioaccumulative

# 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).

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acc. to 29 CFR 1910.1200 App D

# **Armor All Extreme Tire Shine Gel**

Version number: 11.0 Revision: 2024-02-07 Replaces version of: 2023-08-24 (10)

# List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs (nervous system) through prolonged or repeated exposure.

### **Disclaimer**

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

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