



## SAFETY DATA SHEET

### Armor All® Wheel Foam

According to Regulation (EC) No 1907/2006, Annex II, as amended.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Armor All® Wheel Foam

**Product number** 33500

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

**Identified uses** Automotive foam cleaner.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Energizer Trading Ltd  
Sword House  
Totteridge Road  
High Wycombe  
HP13 6DG  
UK  
Tel: +44 845 602 1995  
euregulatory@energizer.com

##### 1.4. Emergency telephone number

**Emergency telephone** +44 1495 350234  
Monday - Thursday: 0830 - 1700  
Friday: 0830 - 1530

**National emergency telephone number** Product information has been submitted to the UK National Poisons Information Service (NPIS) and is accessible to medical health professionals.

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

**Physicochemical** Containers can burst violently or explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### 2.2. Label elements

## Armor All® Wheel Foam

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.  
H319 Causes serious eye irritation.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P280 Wear eye and face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### Detergent labelling

5 - < 15% aliphatic hydrocarbons, < 5% EDTA and salts thereof, < 5% non-ionic surfactants

### Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Hydrocarbons, C3-4-rich, petroleum distillate</b>	<b>10 - &lt;25%</b>
CAS number: 68512-91-4	EC number: 270-990-9

#### Classification

Flam. Gas 1 - H220  
Press. Gas (Liq.) - H280

### 2-(2-butoxyethoxy)ethanol

**2 - <3%**

CAS number: 112-34-5

EC number: 203-961-6

#### Classification

Eye Irrit. 2 - H319

## Armor All® Wheel Foam

<b>Dodecyldimethylamine oxide</b>		<b>1 - &lt;2.5%</b>
CAS number: 1643-20-5	EC number: 216-700-6	
M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		

<b>tetrasodium ethylene diamine tetraacetate</b>		<b>1 - &lt;2.5%</b>
CAS number: 64-02-8	EC number: 200-573-9	REACH registration number: 01-2119486762-27-XXXX
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373		

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Do not use organic solvents. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	This product is strongly irritating. Prolonged contact may cause redness and/or tearing. May cause discomfort. Pain. Profuse watering of the eyes. Redness.

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

<b>Notes for the doctor</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
-----------------------------	---

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

## Armor All® Wheel Foam

**Suitable extinguishing media** Extinguish with the following media: Dry chemicals, sand, dolomite etc. Carbon dioxide (CO<sub>2</sub>). Water spray, fog or mist.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Eliminate all ignition sources if safe to do so. Do not touch or walk into spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Use only non-sparking tools. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### 6.4. Reference to other sections

**Reference to other sections** See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from heat, sparks and open flame. Provide adequate ventilation.

**Advice on general occupational hygiene** Avoid contact with eyes and prolonged skin contact. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

**Storage precautions** Store in a cool and well-ventilated place. Keep away from heat, sparks and open flame. Take precautionary measures against static discharges.

### 7.3. Specific end use(s)

## Armor All® Wheel Foam

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Hydrocarbons, C3-4-rich, petroleum distillate

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

##### 2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

##### tetrasodium ethylene diamine tetraacetate (CAS: 64-02-8)

##### DNEL

Workers - Inhalation; Long term local effects: 1.5 mg/m<sup>3</sup>

Workers - Inhalation; Short term local effects: 3 mg/m<sup>3</sup>

General population - Inhalation; Long term local effects: 0.6 mg/m<sup>3</sup>

General population - Inhalation; Short term local effects: 1.2 mg/m<sup>3</sup>

General population - Oral; Long term systemic effects: 25 mg/kg/day

##### PNEC

Fresh water; 2.2 mg/l

marine water; 0.22 mg/l

STP; 43 mg/l

Soil; 0.72 mg/kg

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation. All handling should only take place in well-ventilated areas. Avoid inhalation of vapours and spray/mists. Use explosion-proof electrical, ventilating and lighting equipment.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. Frequent changes are recommended.

##### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

##### Hygiene measures

Do not smoke in work area. Wash promptly with soap and water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

##### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Opaque liquid.

## Armor All® Wheel Foam

Colour	White.
Odour	Hydrocarbons.
Odour threshold	Not determined.
pH	pH (concentrated solution): 10.95 - 11.45 Liquid.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Not determined.
Bulk density	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

Other information	No information required.
-------------------	--------------------------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
------------	---

### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
-----------	---

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
------------------------------------	----------------------

### 10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition. Avoid the accumulation of vapours in low or confined areas.
---------------------	--

### 10.5. Incompatible materials

## Armor All® Wheel Foam

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Decomposition at ambient temperatures may generate the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Acid smoke or fumes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 43,815.49

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (dusts/mists mg/l)** 114.01

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Eye Irrit. 2 - H319 Causes serious eye irritation.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

#### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### Toxicological information on ingredients.

Hydrocarbons, C3-4-rich, petroleum distillate

## Armor All® Wheel Foam

### Germ cell mutagenicity

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information.

### Reproductive toxicity

**Reproductive toxicity - fertility** One-generation study - NOAEC 10000 ppm, Inhalation, Rat P REACH dossier information.

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: 10426 ppm, Inhalation, Rat REACH dossier information.

### 2-(2-butoxyethoxy)ethanol

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,410.0

**Species** Mouse

**Notes (oral LD<sub>50</sub>)** REACH dossier information.

**ATE oral (mg/kg)** 2,410.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 27,640.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information.

**ATE dermal (mg/kg)** 27,640.0

#### Skin corrosion/irritation

**Animal data** Dose: 0.5 ml, 1 hour, Rabbit REACH dossier information. Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Eye Irrit. 2 - H319 Causes serious eye irritation.

#### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Chromosome aberration: Negative. REACH dossier information.

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information.

### Reproductive toxicity

**Reproductive toxicity - development** Maternal toxicity: - NOAEL: 633 mg/kg/day, Oral, Rat REACH dossier information. No evidence of reproductive toxicity in animal studies.

### Dodecyltrimethylamine oxide

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,064.0



## Armor All® Wheel Foam

<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	1,064.0
<u><b>tetrasodium ethylene diamine tetraacetate</b></u>	
<u><b>Acute toxicity - oral</b></u>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	1,780.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information. Acute Tox. 4 - H302 Harmful if swallowed.
<b>ATE oral (mg/kg)</b>	1,780.0
<u><b>Acute toxicity - inhalation</b></u>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	cATpE: Converted Acute Toxicity Point Estimate.
<b>ATE inhalation (dusts/mists mg/l)</b>	1.5
<u><b>Skin corrosion/irritation</b></u>	
<b>Animal data</b>	Dose: 0.5 g, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). REACH dossier information. Not irritating.
<u><b>Serious eye damage/irritation</b></u>	
<b>Serious eye damage/irritation</b>	Dose: 50 mg, 8 days, Rabbit REACH dossier information. Eye Dam. 1 - H318 Causes serious eye damage.
<u><b>Skin sensitisation</b></u>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Read-across data.
<u><b>Germ cell mutagenicity</b></u>	
<b>Genotoxicity - in vitro</b>	Chromosome aberration: Negative. REACH dossier information. Read-across data. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Read-across data. Based on available data the classification criteria are not met.
<u><b>Carcinogenicity</b></u>	
<b>Carcinogenicity</b>	NOAEL ≥500 mg/kg/day, Oral, Rat REACH dossier information. Read-across data. Based on available data the classification criteria are not met.
<u><b>Reproductive toxicity</b></u>	
<b>Reproductive toxicity - fertility</b>	Multi-generation study - NOAEL ≥ 250 mg/kg/day, Oral, Rat P, F1 REACH dossier information. Read-across data. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Maternal toxicity: - LOAEL: 1374 mg/kg/day, Oral, Rat REACH dossier information.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

## Armor All® Wheel Foam

### Ecological information on ingredients.

#### Hydrocarbons, C3-4-rich, petroleum distillate

##### Acute aquatic toxicity

##### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 49.47 mg/l, Fish  
REACH dossier information.  
QSAR

#### 2-(2-butoxyethoxy)ethanol

##### Acute aquatic toxicity

##### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)  
REACH dossier information.

##### **Acute toxicity - aquatic invertebrates**

NOEC, 48 hours: ≥100 mg/l, Daphnia magna  
EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna  
REACH dossier information.

##### **Acute toxicity - aquatic plants**

NOEC, 96 hours: ≥ 100 mg/l, Desmodesmus subspicatus  
REACH dossier information.

##### **Acute toxicity - microorganisms**

EC<sub>10</sub>, 30 minutes: > 1995 mg/l, Activated sludge  
REACH dossier information.

#### Dodecyltrimethylamine oxide

##### Acute aquatic toxicity

##### **LE(C)<sub>50</sub>**

0.1 < L(E)C<sub>50</sub> ≤ 1

##### **M factor (Acute)**

1

#### tetrasodium ethylene diamine tetraacetate

##### Acute aquatic toxicity

##### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 121 mg/l, Lepomis macrochirus (Bluegill)  
LC<sub>100</sub>, 96 hours: 138 mg/l, Lepomis macrochirus (Bluegill)  
REACH dossier information.

##### **Acute toxicity - aquatic invertebrates**

EC<sub>0</sub>, 24 hours: 310 mg/l, Daphnia magna  
EC<sub>50</sub>, 24 hours: 625 mg/l, Daphnia magna  
EC<sub>100</sub>, 24 hours: 1250 mg/l, Daphnia magna  
REACH dossier information.

##### **Acute toxicity - microorganisms**

EC<sub>20</sub>, 30 minutes: > 500 mg/l, Activated sludge  
EC<sub>10</sub>, 30 minutes: > 500 mg/l, Activated sludge  
REACH dossier information.  
Read-across data.

##### **Acute toxicity - terrestrial**

EC<sub>50</sub>, 14 days: 156.46 mg/kg, Eisenia Fetida (Earthworm)  
REACH dossier information.  
Read-across data.

##### Chronic aquatic toxicity

##### **Chronic toxicity - fish early life stage**

NOEC, 35 days: ≥25.7 mg/l, Brachydanio rerio (Zebra Fish)  
REACH dossier information.  
Read-across data.

## Armor All® Wheel Foam

### Chronic toxicity - aquatic invertebrates

NOEC, 21 days: 25 mg/l, Daphnia magna  
 LOEC, 21 days: 50 mg/l, Daphnia magna  
 LC<sub>50</sub>, 21 days: ≥100 mg/l, Daphnia magna  
 REACH dossier information.  
 Read-across data.

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### Ecological information on ingredients.

#### Hydrocarbons, C3-4-rich, petroleum distillate

##### Phototransformation

Water - DT<sub>50</sub> : 1906 days  
 REACH dossier information.  
 Calculation method.

##### Biodegradation

Water - Degradation (100%): 385.5 hours  
 REACH dossier information.  
 The substance is readily biodegradable.

#### 2-(2-butoxyethoxy)ethanol

##### Biodegradation

Water - Degradation (~85%): 28 days  
 REACH dossier information.  
 The substance is readily biodegradable.

#### tetrasodium ethylene diamine tetraacetate

##### Phototransformation

Water - DT<sub>50</sub> : 2.12 hours  
 REACH dossier information.  
 Read-across data.

##### Biodegradation

Water - Degradation (0 - 20%): 20 days  
 REACH dossier information.  
 Read-across data.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### Hydrocarbons, C3-4-rich, petroleum distillate

##### Partition coefficient

log Pow: 2.3058 REACH dossier information. QSAR

#### 2-(2-butoxyethoxy)ethanol

##### Partition coefficient

log Pow: 1 REACH dossier information.

#### tetrasodium ethylene diamine tetraacetate

**Bioaccumulative potential** BCF: 1.1 - 1.8, Lepomis macrochirus (Bluegill) REACH dossier information.

## Armor All® Wheel Foam

### 12.4. Mobility in soil

**Mobility** The product is insoluble in water.

### Ecological information on ingredients.

#### 2-(2-butoxyethoxy)ethanol

**Mobility** Miscible with water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### 2-(2-butoxyethoxy)ethanol

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations Do not puncture or incinerate, even when empty.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

## Armor All® Wheel Foam

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).  
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Armor All® Wheel Foam

### Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
 IMDG: International Maritime Dangerous Goods.  
 IATA: International Air Transport Association.  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 ATE: Acute Toxicity Estimate.  
 DNEL: Derived No Effect Level.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 BCF: Bioconcentration Factor.

### Classification procedures according to Regulation (EC) 1272/2008

Aerosol 1 - H222, H229: Expert judgement. Eye Irrit. 2 - H319: Calculation method.

### Revision comments

Section 1: Identification of the substance/mixture and of the company/undertaking // 1.3. Details of the supplier of the safety data sheet.

### Revision date

19/03/2020

### Revision

11

### Supersedes date

05/07/2016

### SDS number

416

### Hazard statements in full

H220 Extremely flammable gas.  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H280 Contains gas under pressure; may explode if heated.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H373 May cause damage to organs (Respiratory tract) through prolonged or repeated exposure if inhaled.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

The information supplied here is accurate to the best knowledge and belief of Energizer Trading Ltd, it is however, not intended as a warranty or representation, and should not be construed as such, for which Energizer Trading Ltd assumes any legal responsibility. Any information or advice obtained from Energizer Trading Ltd other than by means of this publication, and whether relating to Energizer Trading Ltd's products or other materials is also given in good faith. It remains at all times the responsibility of the customer, and user, to ensure that the materials are suitable for the particular purpose intended. Materials not manufactured, or supplied, by Energizer Trading Ltd when used instead of, or in conjunction with materials supplied by Energizer Trading Ltd, it is the customer's responsibility to ensure that all technical, and other information related to such materials is obtained from the manufacturer or supplier. Energizer Trading Ltd accepts no liability for the data contained within this document, as the information herein may be applied under conditions beyond our control, and in situations with which we may be unfamiliar. The information contained within this document is furnished upon condition that the customer and user of this product makes his own determination of the suitability of the product for his particular purpose.