



## SAFETY DATA SHEET

### Armor All® Heavy Duty Car Wash

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® Heavy Duty Car Wash  
**Product number** 26001

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

**Identified uses** Auto shampoo.  
**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Armored Auto UK Ltd  
Unit 16, Rassau Industrial Estate  
Ebbw Vale  
Gwent NP23 5SD  
UK  
Tel: +44 1495 350234  
Fax: + 44 1495 350431  
euregulatory@eu.spectrumbrands.com

##### 1.4. Emergency telephone number

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

#### SECTION 2: Hazards identification

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

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

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Aquatic Chronic 3 - H412

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Warning  
**Hazard statements** EUH208 Contains d-Limonene. May produce an allergic reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

## Armor All® Heavy Duty Car Wash

<b>Precautionary statements</b>	P102 Keep out of reach of children. P273 Avoid release to the environment. 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. P501 Dispose of contents/ container in accordance with national regulations.
<b>Supplemental label information</b>	Contains a preservative (IODOPROPYNYL BUTYLCARBAMATE, DMDM HYDANTOIN) to control microbial deterioration.
<b>Detergent labelling</b>	< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, < 5% polycarboxylates, Contains D-LIMONENE, DMDM HYDANTOIN, IODOPROPYNYL BUTYLCARBAMATE
<b>Supplementary precautionary statements</b>	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>Sodium dodecylbenzenesulfonate</b>	<b>2 - &lt;3%</b>
CAS number: 25155-30-0                      EC number: 246-680-4	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Eye Irrit. 2 - H319	
<b>2-dodecoxyethyl hydrogen sulfate</b>	<b>1 - &lt;2.5%</b>
CAS number: 9004-82-4                      EC number: 618-398-5	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>d-Limonene</b>	<b>0.5 - &lt;1%</b>
CAS number: 5989-27-5                      EC number: 227-813-5	
M factor (Acute) = 1                              M factor (Chronic) = 1	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

## Armor All® Heavy Duty Car Wash

<b>Sodium hydroxide</b>	<b>&lt;0.025%</b>
CAS number: 1310-73-2	EC number: 215-185-5
<b>Classification</b>	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

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>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Inhalation</b>	If throat irritation or coughing persists, proceed as follows. Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Drowsiness. Dizziness.
<b>Ingestion</b>	Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation. Prolonged contact may cause dryness of the skin.
<b>Eye contact</b>	Irritating to eyes. 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>	Treat symptomatically. Keep affected person under observation.
-----------------------------	--

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
-------------------------	--

## Armor All® Heavy Duty Car Wash

**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. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. 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. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product.

### 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)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2. For further information, see attached Exposure Scenario.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

**Sodium hydroxide**

## Armor All® Heavy Duty Car Wash

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 73.4 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 0.09 mg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 21.73 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 2.5 mg/kg/day</p> <p>General population - Dermal; Long term local effects: 0.056 mg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 6.25 mg/kg/day</p>
<b>PNEC</b>	<p>Fresh water; 0.007 mg/l</p> <p>marine water; 0.001 mg/l</p> <p>STP; 830 mg/l</p> <p>Sediment (Freshwater); 0.195 mg/kg</p> <p>Sediment (Marinewater); 0.019 mg/kg</p> <p>Soil; 0.035 mg/kg</p>

### Linalool (CAS: 78-70-6)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 2.8 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term systemic effects: 16.5 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2.5 mg/kg/day</p> <p>Workers - Dermal; Short term systemic effects: 5 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 3 mg/cm<sup>2</sup></p> <p>Workers - Dermal; Short term local effects: 3 mg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 0.7 mg/m<sup>3</sup></p> <p>General population - Inhalation; Short term systemic effects: 4.1 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1.25 mg/kg/day</p> <p>General population - Dermal; Short term systemic effects: 23.5 mg/kg/day</p> <p>General population - Dermal; Long term local effects: 1.5 mg/cm<sup>2</sup></p> <p>General population - Dermal; Short term local effects: 1.5 mg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 0.2 mg/kg/day</p> <p>General population - Oral; Short term systemic effects: 1.2 mg/kg/day</p>
<b>PNEC</b>	<p>Fresh water; 0.2 mg/l</p> <p>marine water; 0.02 mg/l</p> <p>STP; 10 mg/l</p> <p>Sediment (Freshwater); 2.22 mg/kg</p> <p>Sediment (Marinewater); 0.222 mg/kg</p> <p>Soil; 0.327 mg/kg</p> <p>Oral; 7.8 mg/kg</p>

## 8.2. Exposure controls

### Protective equipment



### 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.

## Armor All® Heavy Duty Car Wash

<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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/manufacturer, who can provide information about the breakthrough time of the glove material. Frequent changes are recommended.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	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.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Odour</b>	Orange.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 8.3
<b>Melting point</b>	Not relevant.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not relevant.
<b>Upper/lower flammability or explosive limits</b>	Not relevant.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not relevant.
<b>Decomposition Temperature</b>	Not relevant.

## Armor All® Heavy Duty Car Wash

<b>Viscosity</b>	1500 - 2500 cP @ 40°C
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	No information required.
--------------------------	--------------------------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
-------------------	---

### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
------------------	---

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Will not polymerise.
---	----------------------

### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
----------------------------	---

### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
---------------------------	--

### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.
---	--

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

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

<b>ATE oral (mg/kg)</b>	19,665.68
-------------------------	-----------

#### Acute toxicity - dermal

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

<b>ATE dermal (mg/kg)</b>	43,264.5
---------------------------	----------

#### Acute toxicity - inhalation

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

#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
----------------------------------	--

#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
--------------------------------------	--------------------------------

#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
----------------------------------	--

#### Skin sensitisation

## Armor All® Heavy Duty Car Wash

**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.

#### Sodium dodecylbenzenesulfonate

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Acute Tox. 4 - H302 cATpE: Converted Acute Toxicity Point Estimate.

**ATE oral (mg/kg)** 500.0

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Acute Tox. 4 - H312 cATpE: Converted Acute Toxicity Point Estimate.

**ATE dermal (mg/kg)** 1,100.0

##### Serious eye damage/irritation

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

#### d-Limonene

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** > 2000 mg/kg Rat REACH dossier information. Read-across data.

##### Skin corrosion/irritation

**Animal data** Irritating to skin. REACH dossier information.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Dose: 0.1 ml, 7 days, Rabbit REACH dossier information. Not irritating.

##### Skin sensitisation

**Skin sensitisation** Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative. REACH dossier information.



## Armor All® Heavy Duty Car Wash

<b>Genotoxicity - in vivo</b>	DNA damage and/or repair: Negative. REACH dossier information.
<b><u>Carcinogenicity</u></b>	
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEL 1650 mg/kg/day, Oral, Mouse REACH dossier information.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	1.003 cSt @ 25°C/77°F REACH dossier information. Read-across data. Asp. Tox. 1 - H304

### Sodium hydroxide

<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Skin Corr. 1A - H314 REACH dossier information.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 ml, 1 / 2 %, Rabbit Eye Dam. 1 - H318 REACH dossier information.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Patch test - Human: Not sensitising. REACH dossier information.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Bacterial reverse mutation test: Negative. REACH dossier information.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** Harmful to aquatic life with long lasting effects.

### Ecological information on ingredients.

#### d-Limonene

<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 0.720 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.36 mg/l, Daphnia magna REACH dossier information.
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 150 mg/l, Desmodemus subspicatus REACH dossier information. Read-across data.
<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 3 hours: 209 mg/l, Activated sludge REACH dossier information. Read-across data.
<b><u>Chronic aquatic toxicity</u></b>	
<b>M factor (Chronic)</b>	1

## Armor All® Heavy Duty Car Wash

### Sodium hydroxide

#### Acute aquatic toxicity

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 40.4 mg/l, Ceriodaphnia dubia  
REACH dossier information.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### Ecological information on ingredients.

#### d-Limonene

**Phototransformation** Water - Half-life : 0.365 hours  
REACH dossier information.  
QSAR

**Biodegradation** Water - Degradation (80%): 28 days  
REACH dossier information.  
Read-across data.  
The substance is readily biodegradable.

### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### d-Limonene

**Bioaccumulative potential** BCF: 1022, REACH dossier information. QSAR

**Partition coefficient** log Pow: 4.38 REACH dossier information.

### 12.4. Mobility in soil

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

### Ecological information on ingredients.

#### d-Limonene

**Adsorption/desorption coefficient** Water - Koc : 1984 REACH dossier information. QSAR

### 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.

#### d-Limonene

**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.

## Armor All® Heavy Duty Car Wash

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 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.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

## Armor All® Heavy Duty Car Wash

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>IATA: International Air Transport Association.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>DNEL: Derived No Effect Level.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>BCF: Bioconcentration Factor.</p>
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	<p>Eye Irrit. 2 - H319, Aquatic Chronic 3 - H412: Calculation method.</p>
<b>Revision comments</b>	<p>Document revised.</p> <p>Section 2: Hazards identification // 2.2. Label elements.</p> <p>Section 3: Composition/information on ingredients // 3.2 Mixtures.</p> <p>Section 8: Exposure controls/personal protection // 8.1. Control parameters.</p>
<b>Revision date</b>	06/12/2018
<b>Revision</b>	16
<b>Supersedes date</b>	17/05/2016
<b>SDS number</b>	54
<b>Hazard statements in full</b>	<p>H226 Flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> <p>EUH208 Contains d-Limonene. May produce an allergic reaction.</p>

The information supplied here is accurate to the best knowledge and belief of Armored Auto UK Ltd, it is however, not intended as a warranty or representation, and should not be construed as such, for which Armored Auto UK Ltd assumes any legal responsibility. Any information or advice obtained from Armored Auto UK Ltd other than by means of this publication, and whether relating to Armored Auto UK 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 Armored Auto UK Ltd when used instead of, or in conjunction with materials supplied by Armored Auto UK 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. Armored Auto UK 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.