

SAFETY DATA SHEET Armor All® Matt Dashboard Wipes

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® Matt Dashboard Wipes

Product number 35025, 35015, 35020, 35030

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

Identified uses Car maintenance product.

Uses advised againstNo 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@energizer.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 Not Classified

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements EUH208 Contains d-Limonene. May produce an allergic reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/ container in accordance with national regulations.

Detergent labelling < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5%

perfumes, Contains D-LIMONENE, CITRAL, LINALOOL

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

3-butoxypropan-2-ol 1 - <2.5%

CAS number: 5131-66-8 EC number: 225-878-4 REACH registration number: 01-

2119475527-28-XXXX

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

2-aminoethanol 0.5 - <1%

CAS number: 141-43-5 EC number: 205-483-3 REACH registration number: 01-

2119486455-28-XXXX

Classification

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Acute Tox. 4 - H332

Skin Corr. 1B - H314

STOT SE 3 - H335 Aquatic Chronic 3 - H412

Alcohols, C12-15, ethoxylated (9MEO)

0.5 - < 1%

CAS number: 68131-39-5 EC number: 500-195-7

M factor (Acute) = 1

Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Quaternary ammonium compounds, benzyl-C12-16-

0.25 - < 0.5%

alkyldimethyl, chlorides

 REACH registration number: 01-

2119970550-39-XXXX

M factor (Acute) = 10 M factor (Chronic) = 1

Classification

Acute Tox. 4 - H302

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

d-Limonene 0.025 - <0.25%

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Sodium hydroxide <0.025%

CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-

2119457892-27-XXXX

Classification

Met. Corr. 1 - H290 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

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing.

Inhalation 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.

Ingestion 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.

Skin contact Brush off loose particles from skin. Wash with plenty of water. Get medical attention if

symptoms are severe or persist after washing.

Eye contact 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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Prolonged or repeated exposure to vapours in high concentrations may cause the following

adverse effects: Drowsiness. Dizziness.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur. May cause

discomfort if swallowed.

Skin contact Due to the physical nature of this product, exposure by this route is unlikely. Prolonged skin

contact may cause redness and irritation.

Eye contact Due to the physical nature of this product, exposure by this route is unlikely. May cause

irritation.

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

Notes for the doctor Treat symptomatically. Keep affected person under observation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-

extinguishing media suitable for the surrounding fire.

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.

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.

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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.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2-aminoethanol

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m³ Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m³ Sk

Sodium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit. Sk = Can be absorbed through the skin.

3-butoxypropan-2-ol (CAS: 5131-66-8)

DNEL Workers - Inhalation; Long term systemic effects: 147 mg/m³

Workers - Dermal; Long term systemic effects: 52 mg/kg/day

General population - Inhalation; Long term systemic effects: 43 mg/m³ General population - Dermal; Long term systemic effects: 22 mg/kg/day General population - Oral; Long term systemic effects: 12.5 mg/kg/day

PNEC Fresh water; 0.525 mg/l

Fresh water, Intermittent release; 5.25 mg/l

marine water; 0.052 mg/l

STP; 10 mg/l

Sediment (Freshwater); 2.36 mg/kg Sediment (Marinewater); 0.236 mg/kg

Soil; 0.16 mg/kg

hexyl D-glucoside (CAS: 54549-24-5)

DNEL Workers - Inhalation; Long term systemic effects: 420 mg/m³

Workers - Dermal; Long term systemic effects: 595000 mg/kg/day General population - Inhalation; Long term systemic effects: 124 mg/m³ General population - Dermal; Long term systemic effects: 357000 mg/kg/day General population - Oral; Long term systemic effects: 35.7 mg/kg/day

PNEC Fresh water; 0.176 mg/l

Fresh water, Intermittent release; 4.2 mg/l

marine water; 0.018 mg/l

STP; 100 mg/l

Sediment (Freshwater); 0.722 mg/kg Sediment (Marinewater); 0.072 mg/kg

Soil; 0.654 mg/kg Oral; 111.11 mg/kg

2-aminoethanol (CAS: 141-43-5)

DNEL Workers - Inhalation; Long term local effects: 3.3 mg/m³

Workers - Dermal; Long term systemic effects: 1 mg/kg/day General population - Inhalation; Long term local effects: 2 mg/m³

General population - Dermal; Long term systemic effects: 0.24 mg/kg/day General population - Oral; Long term systemic effects: 3.75 mg/kg/day

PNEC Fresh water; 0.085 mg/l

marine water; 0.009 mg/l

STP; 100 mg/l

Sediment (Freshwater); 0.434 mg/kg Sediment (Marinewater); 0.043 mg/kg

Soil; 0.037 mg/kg

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (CAS: 68424-85-1)

DNEL Workers - Inhalation; Long term systemic effects: 3.96 mg/m³

Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day

General population - Inhalation; Long term systemic effects: 1.64 mg/m³ General population - Dermal; Long term systemic effects: 3.4 mg/kg/day General population - Oral; Long term systemic effects: 3.4 mg/kg/day

PNEC Fresh water; 0.001 mg/l

marine water; 0.001 mg/l

STP; 0.4 mg/l

Sediment (Freshwater); 12.27 mg/kg Sediment (Marinewater); 13.09 mg/kg

Soil; 7 mg/kg

Citric acid (CAS: 77-92-9)

PNEC - Fresh water; 0.44 mg/l

- marine water; 0.044 mg/l

- STP; 1000 mg/l

Sediment (Freshwater); 34.6 mg/kgSediment (Marinewater); 3.46 mg/kg

- Soil; 33.1 mg/kg

8.2. Exposure controls

Protective equipment





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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/manufacturer, 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 measuresDo 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.

Environmental exposure

controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid-impregnated wipe.

Colour White.

Odour Characteristic. Citrus.

Odour threshold Not determined.

pH Not determined.

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 0.987 – 1.007 : Liquid.

Bulk density Not determined.

Partition coefficient Not determined.

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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 Keep away from heat, sparks and open flame. Avoid excessive heat for prolonged periods of

time.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition Thermal decomposition or combustion products may include the following substances:

products Carbon dioxide (CO2). Carbon monoxide (CO). Toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Acute aquatic toxicity

LE(C)₅₀ $0.01 < L(E)C50 \le 0.1$

M factor (Acute) 10

Acute toxicity - fish LC₅₀, 96 hours: 0.456 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 0.016 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅o, 72 hours: 0.049 mg/l, Pseudokirchneriella subcapitata

Acute toxicity -

microorganisms

EC₅₀, 3 hours: 7.75 mg/l, Activated sludge

Acute toxicity - terrestrial LC₅₀, 14 days: 7070 mg/kg, Eisenia Fetida (Earthworm)

Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - fish early NOEC, 34 days: 0.032 mg/l, Pimephales promelas (Fat-head Minnow)

life stage

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: 0.0042 mg/l, Daphnia magna

12.2. Persistence and degradability

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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.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Phototransformation Air - DT₅₀: 0.25 days

Water - Degradation 95.5%: 28 days Biodegradation

The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Bioaccumulative potential BCF: 79, Lepomis macrochirus (Bluegill)

12.4. Mobility in soil

Mobility The product is partly soluble in water and may spread in the aquatic environment.

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

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

assessment

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

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

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

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.

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

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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.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅o: 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

Aquatic Chronic 3 - H412, EUH208: Calculation method.

121212000

Revision comments Revised classification.

Revision date 01/10/2019

Revision 9

Supersedes date 07/04/2017

SDS number 237

Hazard statements in full H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains d-Limonene. May produce an allergic reaction.

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