SAFETY DATA SHEET
Armor All® Wheel & Tire Cleaner
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 & Tire Cleaner

Product number 34500

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

Identified uses Automotive wheel cleaner.

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 Not Classified

2.2. Label elements

Pictogram

Signal word Warning

Hazard statements H319 Causes serious eye irritation.

Armor All® Wheel & Tire Cleaner

Precautionary statements P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
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.

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

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

2-(2-butoxyethoxy)ethanol **2.5 - <5%**

CAS number: 112-34-5 EC number: 203-961-6

Classification
Eye Irrit. 2 - H319

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides **1 - <2.5%**

CAS number: 308062-28-4 EC number: 931-292-6 REACH registration number: 01-2119490061-47-XXXX

M factor (Acute) = 1

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

tetrasodium ethylene diamine tetraacetate **1 - <2.5%**

CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27-XXXX

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H332
Eye Dam. 1 - H318
STOT RE 2 - H373

The Full Text for all R-Phrases and Hazard Statements are 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.

Armor All® Wheel & Tire Cleaner

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	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.
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	Gastrointestinal symptoms, including upset stomach.
Skin contact	Prolonged skin contact may cause redness and irritation. Prolonged contact may cause dryness of the skin.
Eye contact	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

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

Armor All® Wheel & Tire Cleaner

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.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³
Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³
WEL = Workplace Exposure Limit

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.

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.

Armor All® Wheel & Tire Cleaner

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 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.
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.
Colour	Colourless.
Odour	Slight. Solvent.
Odour threshold	Not determined.
pH	pH (concentrated solution): 10.92
Melting point	Not relevant.
Initial boiling point and range	Not determined.
Flash point	> 100°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not relevant.
Upper/lower flammability or explosive limits	Not relevant.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.0133
Bulk density	1011.5 kg/m³
Partition coefficient	Not determined.
Auto-ignition temperature	Not relevant.
Decomposition Temperature	Not relevant.
Viscosity	Not determined.
Explosive properties	Not considered to be explosive.

Armor All® Wheel & Tire Cleaner

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 excessive heat for prolonged periods of time.

10.5. Incompatible materials

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 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

Notes (oral LD_{50}) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 42,566.12

Acute toxicity - dermal

Notes (dermal LD_{50}) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Based on available data the classification criteria are not met.

ATE inhalation (dusts/mists mg/l) 142.86

Skin corrosion/irritation

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

Serious eye damage/irritation

Serious eye damage/irritation 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.

Armor All® Wheel & Tire Cleaner

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.

2-(2-butoxyethoxy)ethanol

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg) 2,410.0

Species Mouse

Notes (oral LD_{50}) REACH dossier information.

ATE oral (mg/kg) 2,410.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg) 27,640.0

Species Rabbit

Notes (dermal LD_{50}) 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.

Armor All® Wheel & Tire Cleaner

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.

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,064.0
Species	Rat
Notes (oral LD_{50})	REACH dossier information. Acute Tox. 4 - H302 Harmful if swallowed.
ATE oral (mg/kg)	1,064.0

Skin corrosion/irritation

Animal data	Dose: 0.4 ml, 24 hours, Rabbit Primary dermal irritation index: 1.67 REACH dossier information. Skin Irrit. 2 - H315 Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation	Dose: 0.1 ml, 4 seconds, Rabbit REACH dossier information. Eye Dam. 1 - H318 Causes serious eye damage.

Skin sensitisation

Skin sensitisation	Buehler test - Guinea pig: Not sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met. Read-across data.

Carcinogenicity

Carcinogenicity	NOEL 0.2 %, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility	Screening - NOAEL 40 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.
Reproductive toxicity - development	Developmental toxicity: - NOAEL: 25 mg/kg/day, Oral, Rat REACH dossier information.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	NOAEL 0.1 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

tetrasodium ethylene diamine tetraacetate

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,780.0
Species	Rat

Armor All® Wheel & Tire Cleaner

Notes (oral LD_{50})	REACH dossier information. Acute Tox. 4 - H302 Harmful if swallowed.
ATE oral (mg/kg)	1,780.0

Acute toxicity - inhalation

Notes (inhalation LC_{50})	cATpE: Converted Acute Toxicity Point Estimate.
ATE inhalation (dusts/mists mg/l)	1.5

Skin corrosion/irritation

Animal data	Dose: 0.5 g, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). REACH dossier information. Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Dose: 50 mg, 8 days, Rabbit REACH dossier information. Eye Dam. 1 - H318 Causes serious eye damage.

Skin sensitisation

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

Germ cell mutagenicity

Genotoxicity - in vitro	Chromosome aberration: Negative. REACH dossier information. Read-across data. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Read-across data. Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity	NOAEL ≥500 mg/kg/day, Oral, Rat REACH dossier information. Read-across data. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility	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.
Reproductive toxicity - development	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. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

Acute toxicity - fish	LC_{50}, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill) REACH dossier information.
Acute toxicity - aquatic invertebrates	NOEC, 48 hours: ≥100 mg/l, Daphnia magna EC_{50}, 48 hours: >100 mg/l, Daphnia magna REACH dossier information.

Armor All® Wheel & Tire Cleaner

Acute toxicity - aquatic plants	NOEC, 96 hours: ≥ 100 mg/l, Desmodesmus subspicatus REACH dossier information.
Acute toxicity - microorganisms	EC_{10}, 30 minutes: > 1995 mg/l, Activated sludge REACH dossier information.

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Acute aquatic toxicity

LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 3.46 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
Acute toxicity - aquatic invertebrates	EC_{50}, 24 hours: 17.6 mg/l, Daphnia magna EC_{50}, 48 hours: 10.4 mg/l, Daphnia magna REACH dossier information.
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 0.266 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.078 mg/l, Pseudokirchneriella subcapitata REACH dossier information.
Acute toxicity - microorganisms	EC_{10}, 18 hours: 80 mg/l, Pseudomonas putida REACH dossier information.
Chronic toxicity - fish early life stage	LOEC, 15 days: 0.98 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 15 days: 0.495 mg/l, Pimephales promelas (Fat-head Minnow) LC_{10}, 120 days: 0.46 mg/l, Pimephales promelas (Fat-head Minnow) LC_{50}, 120 days: 0.87 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 302 days: 0.42 mg/l, Pimephales promelas (Fat-head Minnow) LOEC, 302 days: 0.88 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
Chronic toxicity - aquatic invertebrates	LC_{50}, 96 hours: 1.01 mg/l, Daphnia magna LC_{50}, 21 days: 0.96 mg/l, Daphnia magna EC_{50}, 21 days: 0.88 mg/l, Daphnia magna NOEC, 21 days: 0.7 mg/l, Daphnia magna REACH dossier information.

tetrasodium ethylene diamine tetraacetate

Acute toxicity - fish	LC_{50}, 96 hours: 121 mg/l, Lepomis macrochirus (Bluegill) LC_{100}, 96 hours: 138 mg/l, Lepomis macrochirus (Bluegill) REACH dossier information.
Acute toxicity - aquatic invertebrates	EC_{0}, 24 hours: 310 mg/l, Daphnia magna EC_{50}, 24 hours: 625 mg/l, Daphnia magna EC_{100}, 24 hours: 1250 mg/l, Daphnia magna REACH dossier information.
Acute toxicity - microorganisms	EC_{20}, 30 minutes: > 500 mg/l, Activated sludge EC_{10}, 30 minutes: > 500 mg/l, Activated sludge REACH dossier information. Read-across data.

Armor All® Wheel & Tire Cleaner

Acute toxicity - terrestrial	EC_{50}, 14 days: 156.46 mg/kg, Eisenia Fetida (Earthworm) REACH dossier information. Read-across data.
Chronic toxicity - fish early life stage	NOEC, 35 days: ≥25.7 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information. Read-across data.
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 25 mg/l, Daphnia magna LOEC, 21 days: 50 mg/l, Daphnia magna LC_0, 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.

2-(2-butoxyethoxy)ethanol

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

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Stability (hydrolysis)	pH4 - Recovery (96%): 5 days @ 50°C pH7 - Recovery (96.6%): 5 days @ 50°C pH9 - Recovery (93.7%): 5 days @ 50°C REACH dossier information.
Biodegradation	Water - Degradation (43%): 79 hours Water - Degradation (6%): 1 day Water - Degradation (42%): 2 days Water - Degradation (72%): 8 days Water - Degradation (90%): 28 days REACH dossier information. The substance is readily biodegradable.

tetrasodium ethylene diamine tetraacetate

Phototransformation	Water - DT_{50} : 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.

Armor All® Wheel & Tire Cleaner

Ecological information on ingredients.

2-(2-butoxyethoxy)ethanol

Partition coefficient	log Pow: 1 REACH dossier information.

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Partition coefficient	log Pow: 0.95 - 2.69 REACH dossier information. Calculation method.

tetrasodium ethylene diamine tetraacetate

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

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Adsorption/desorption coefficient	Water - Koc: > 619 @ 23.6°C REACH dossier information.
Henry's law constant	0.000000004 - 0.000000012 Pa m³/mol @ 25°C REACH dossier information.
Surface tension	34.1 mN/m @ 20°C REACH dossier information.

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.

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

Armor All® Wheel & Tire Cleaner

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 Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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

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_{50}: Lethal Concentration to 50 % of a test population. LD_{50}: 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	Eye Irrit. 2 - H319: Calculation method.
Revision comments	Document revised. Section 9: Physical and chemical properties // 9.1 Information on basic physical and chemical properties.
Revision date	11/04/2017
Revision	2
Supersedes date	07/09/2016

Armor All® Wheel & Tire Cleaner

SDS number 72

Hazard statements in full

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.