# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

# Armor All Ultra Shine Headlight Restoration Wipe - Step 1 Cleaning/Oxidation Removal

Version number: 10.0
Replaces version of: 2023-08-24 (9)

Revision: 2026-05-19

## SECTION 1: Identification

### 1.1 Product identifier

Trade name: **Armor All Ultra Shine Headlight Restoration Wipe - Step 1 Cleaning/Oxidation Removal**

Alternative number(s): 067788192082, step 1, 070612185143, step 1, AHLRW6/6AU

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

Relevant identified uses: General use

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

Energizer Manufacturing, Inc.
25225 Detroit Rd.
Westlake OH 44145
United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)
e-mail: Autocare.regulatory@energizer.com
Website: https://data.energizer.com

### 1.4 Emergency telephone number

Emergency information service: FOR EMERGENCY in USA & Canada CALL +1 800 255-3924 / For International CALL +1 813 248 0585
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the substance or mixture

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

| Section | Hazard class | Category | Hazard class and category | Hazard statement |
|---|---|---|---|---|
| A.3 | serious eye damage/eye irritation | 2 | Eye Irrit. 2 | H319 |
| A.6 | carcinogenicity | 1 | Carc. 1 | H350 |
| B.6 | flammable liquid | 2 | Flam. Liq. 2 | H225 |
| B.7 | flammable solid | 1 | Flam. Sol. 1 | H228 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

# Armor All Ultra Shine Headlight Restoration Wipe - Step 1 Cleaning/Oxidation Removal



## 2.2 Label elements

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

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08 

- Hazard statements

| | |
|---|---|
| H225 | Highly flammable liquid and vapor. |
| H228 | Flammable solid. |
| H319 | Causes serious eye irritation. |
| H350 | May cause cancer. |

- Precautionary statements

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharge. |
| P280 | Wear protective gloves/eye protection/face protection. |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | If exposed or concerned: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P370+P378 | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with national regulations. |

- Hazardous ingredients for labelling Hydrotreated heavy petroleum distillates

## 2.3 Other hazards

Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).
May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

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### Endocrine disrupting properties

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms |
|---|---|---|---|---|
| Propylene glycol monopropyl ether | CAS No 1569-01-3 | 25 – < 50 | Eye Irrit. 2 / H319<br>Flam. Liq. 3 / H226 |  |
| dimethyl carbonate | CAS No 616-38-6 | 10 – < 25 | Acute Tox. 3 / H331<br>Flam. Liq. 2 / H225 |  |
| Hydrotreated heavy petroleum distillates | CAS No 64742-54-7 | < 1 | Acute Tox. 4 / H332<br>Carc. 1 / H350 |  |

### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

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

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Removal of dust deposits. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)
this information is not available

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Relevant DNELs of components

| Name of substance | CAS No | End-point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|---|---|---|---|---|---|---|
| Propylene glycol monopropyl ether | 1569-01-3 | DNEL | 263 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Propylene glycol monopropyl ether | 1569-01-3 | DNEL | 82.5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| dimethyl carbonate | 616-38-6 | DNEL | 57 mg/m³ | human, inhalatory | worker (industry) | acute - systemic effects |
| dimethyl carbonate | 616-38-6 | DNEL | 57 mg/m³ | human, inhalatory | worker (industry) | acute - local effects |
| dimethyl carbonate | 616-38-6 | DNEL | 66.7 mg/kg bw/day | human, dermal | worker (industry) | acute - systemic effects |
| dimethyl carbonate | 616-38-6 | DNEL | 34.9 mg/m³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| dimethyl carbonate | 616-38-6 | DNEL | 5 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Relevant PNECs of components

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|---|---|---|---|---|---|---|
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 1 mg/l | aquatic organisms | water | intermittent release |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 0.1 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 0.01 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 4 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 0.386 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 0.039 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Propylene glycol monopropyl ether | 1569-01-3 | PNEC | 0.018 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| dimethyl carbonate | 616-38-6 | PNEC | 0.5 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| dimethyl carbonate | 616-38-6 | PNEC | 0.05 mg/l | aquatic organisms | marine water | short-term (single instance) |
| dimethyl carbonate | 616-38-6 | PNEC | 188 mg/l | aquatic organ- | sewage treatment | short-term (single |

| Relevant PNECs of components | | | | | | |
|---|---|---|---|---|---|---|
| **Name of substance** | **CAS No** | **End-point** | **Threshold level** | **Organism** | **Environmental compartment** | **Exposure time** |
| | | | | isms | plant (STP) | instance) |

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | solid (fabrics) |
| Color | not determined |
| Odor | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | 363.4 K at 101.3 kPa |
| Flammability | flammable liquid in accordance with GHS criteria<br>flammable solid in accordance with GHS criteria |
| Lower and upper explosion limit | 1.3 vol% - 10.6 vol% |
| Flash point | 16.7 °C at 1,013 hPa |
| Auto-ignition temperature | |

| | |
|---|---|
| | 458 °C (relative self-ignition temperature for solids) |
| Decomposition temperature | not relevant |
| pH (value) | not applicable |
| Kinematic viscosity | not relevant (solid) |
| Solubility(ies) | not determined |

Partition coefficient

| | |
|---|---|
| Partition coefficient n-octanol/water (log value) | this information is not available |

| | |
|---|---|
| Vapor pressure | 7,570 Pa at 298.3 K |

Density and/or relative density

| | |
|---|---|
| Density | not determined |
| Relative vapour density | not relevant (solid) |

| | |
|---|---|
| Particle characteristics | no data available |

### 9.2 Other information

| | |
|---|---|
| Information with regard to physical hazard classes | there is no additional information |

Other safety characteristics

| | |
|---|---|
| Temperature class (USA, acc. to NEC 500) | T2C (maximum permissible surface temperature on the equipment: 230°C) |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Oxidizers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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

Acute toxicity

Based on available data, the classification criteria are not met.
GHS of the United Nations, annex 4: May be harmful in contact with skin or if inhaled.

Acute toxicity estimate (ATE) of components

| Name of substance | CAS No | Exposure route | ATE |
|---|---|---|---|
| Propylene glycol monopropyl ether | 1569-01-3 | oral | 4,330 $^{mg}/_{kg}$ |
| Propylene glycol monopropyl ether | 1569-01-3 | dermal | 3,775 $^{mg}/_{kg}$ |
| dimethyl carbonate | 616-38-6 | dermal | >2,000 $^{mg}/_{kg}$ |
| dimethyl carbonate | 616-38-6 | inhalation: vapor | >5.36 $^{mg}/_{l}$/4h |
| Hydrotreated heavy petroleum distillates | 64742-54-7 | inhalation: vapor | 11 $^{mg}/_{l}$/4h |
| Hydrotreated heavy petroleum distillates | 64742-54-7 | inhalation: dust/mist | 2.18 $^{mg}/_{l}$/4h |

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

### 12.6 Endocrine disrupting properties

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

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

### 14.1 UN number

| | |
|---|---|
| DOT | UN 3175 |
| IMDG-Code | UN 3175 |
| ICAO-TI | UN 3175 |

### 14.2 UN proper shipping name

| | |
|---|---|
| DOT | Solids containing flammable liquid, n.o.s. |
| IMDG-Code | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. |
| ICAO-TI | Solids containing flammable liquid, n.o.s. |
| Technical name (hazardous ingredients) | dimethyl carbonate, Propylene glycol monopropyl ether |

### 14.3 Transport hazard class(es)

| | |
|---|---|
| DOT | 4.1 |
| IMDG-Code | 4.1 |
| ICAO-TI | 4.1 |

### 14.4 Packing group

| | |
|---|---|
| DOT | II |
| IMDG-Code | II |
| ICAO-TI | II |

### 14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

### 14.6 Special precautions for user

There is no additional information.

### 14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations**

DOT

**Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

| | |
|---|---|
| Particulars in the shipper's declaration | UN3175, Solids containing flammable liquid, n.o.s., (contains: dimethyl carbonate, Propylene glycol monopropyl ether), 4.1, II |
| Danger label(s) | 4.1 |



| | |
|---|---|
| Special provisions (SP) | 47, IB6, IP2, T3, TP33 |
| ERG No | 133 |

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

| | |
|---|---|
| Particulars in the shipper's declaration | UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (contains: dimethyl carbonate, Propylene glycol monopropyl ether), 4.1, II, 16.7°C c.c. |
| Marine pollutant | - |
| Danger label(s) | 4.1 |



| | |
|---|---|
| Special provisions (SP) | 216, 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 1 kg |
| EmS | F-A, S-I |
| Stowage category | B |

**International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

| | |
|---|---|
| Particulars in the shipper's declaration | UN3175, Solids containing flammable liquid, n.o.s., (contains: dimethyl carbonate, Propylene glycol monopropyl ether), 4.1, II |
| Danger label(s) | 4.1 |



| | |
|---|---|
| Special provisions (SP) | A46 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 5 kg |

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

**National regulations (United States)**

**Toxic Substance Control Act (TSCA)** all ingredients are listed or exempt from listing

**Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)
none of the ingredients are listed

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
none of the ingredients are listed

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance | CAS No | Functionality | Authoritative Lists |
|---|---|---|---|
| Propylene glycol monopropyl ether | 1569-01-3 | solvents | |
| Cellulose, regenerated | 68442-85-3 | substrate | |
| dimethyl carbonate | 616-38-6 | cleaning agent | |
| Hydrotreated heavy petroleum distillates | 64742-54-7 | | EC Annex VI CMRs - Cat. 1B |

- Toxic or Hazardous Substance List (MA-TURA)
none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)
none of the ingredients are listed

- Hazardous Substance List (NJ-RTK)

| Name of substance | CAS No | Remarks | Classifications |
|---|---|---|---|
| dimethyl carbonate | 616-38-6 | | F3<br>R1 |

Legend

| | |
|---|---|
| F3 | Flammable - Third Degree |
| R1 | Reactive - First Degree |

- Hazardous Substance List (Chapter 323) (PA-RTK)

| Name acc. to inventory | CAS No | Classification |
|---|---|---|
| CARBONIC ACID, DIMETHYL ESTER | 616-38-6 | |

- Hazardous Substance List (RI-RTK)

none of the ingredients are listed

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

none of the ingredients are listed

**Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)**

none of the ingredients are listed

**Industry or sector specific available guidance(s)**

**NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

| Category | Rating | Description |
|---|---|---|
| Chronic | * | chronic (long-term) health effects may result from repeated overexposure |
| Health | 2 | temporary or minor injury may occur |
| Flammability | 3 | material that can be ignited under almost all ambient temperature conditions |
| Physical hazard | 0 | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | - | |

**NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category | Degree of hazard | Description |
|---|---|---|
| Flammability | 3 | material that can be ignited under almost all ambient temperature conditions |
| Health | 0 | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material |
| Instability | 0 | material that is normally stable, even under fire conditions |
| Special hazard | | |

### National inventories

| Country | Inventory | Status |
|---|---|---|
| AU | AIIC | all ingredients are listed |
| CA | DSL | not all ingredients are listed |
| CN | IECSC | all ingredients are listed |
| EU | ECSI | all ingredients are listed |
| EU | REACH Reg. | not all ingredients are listed |
| JP | CSCL-ENCS | not all ingredients are listed |
| KR | KECI | all ingredients are listed |
| MX | INSQ | not all ingredients are listed |
| NZ | NZIoC | not all ingredients are listed |
| PH | PICCS | not all ingredients are listed |
| TR | CICR | not all ingredients are listed |
| TW | TCSI | all ingredients are listed |
| US | TSCA | all ingredients are listed (ACTIVE) |

Legend

| | |
|---|---|
| AIIC | Australian Inventory of Industrial Chemicals |
| CICR | Chemical Inventory and Control Regulation |
| CSCL-ENCS | List of Existing and New Chemical Substances (CSCL-ENCS) |
| DSL | Domestic Substances List (DSL) |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ | National Inventory of Chemical Substances |
| KECI | Korea Existing Chemicals Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| REACH Reg. | REACH registered substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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## SECTION 16: Other information, including date of preparation or last revision

### Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---|---|---|---|
| 2.2 | | - Precautionary statements:<br>change in the listing (table) | yes |
| 2.3 | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0.1%. | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%. | yes |
| 2.3 | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%. | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%. | yes |
| 3.2 | | Description of the mixture:<br>change in the listing (table) | yes |
| 3.2 | | Remarks:<br>For full text of abbreviations: see SECTION 16 | yes |
| 7.1 | Specific notes/details:<br>Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air. Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. | Specific notes/details:<br>Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air. | yes |
| 8.2 | Respiratory protection:<br>In case of inadequate ventilation wear respiratory protection. | | yes |
| 9.1 | Appearance | | yes |
| 9.1 | Other safety parameters | | yes |
| 9.1 | Flammability (solid, gas):<br>flammable solid in accordance with GHS criteria | Flammability:<br>flammable liquid in accordance with GHS criteria<br>flammable solid in accordance with GHS criteria | yes |
| 9.1 | | Lower and upper explosion limit:<br>1.3 vol% - 10.6 vol% | yes |
| 9.1 | Evaporation rate:<br>Not determined | | yes |
| 9.1 | | Decomposition temperature:<br>not relevant | yes |
| 9.1 | | Kinematic viscosity: | yes |

# Armor All Ultra Shine Headlight Restoration Wipe - Step 1 Cleaning/Oxidation Removal

Version number: 10.0
Replaces version of: 2023-08-24 (9)
Revision: 2026-05-19

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---|---|---|---|
| | | not relevant (solid) | |
| 9.1 | | Density and/or relative density | yes |
| 9.1 | Vapor density:<br>this information is not available | | yes |
| 9.1 | Viscosity:<br>not relevant (solid matter) | | yes |
| 9.1 | Explosive properties:<br>none | | yes |
| 9.1 | Oxidizing properties:<br>none | | yes |
| 9.1 | Relative density:<br>Information on this property is not available | Relative vapour density:<br>not relevant (solid) | yes |
| 9.1 | | Particle characteristics:<br>no data available | yes |
| 9.2 | | Information with regard to physical hazard classes:<br>there is no additional information | yes |
| 9.2 | | Other safety characteristics | yes |
| 10.4 | Hints to prevent fire or explosion:<br>Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. | Hints to prevent fire or explosion:<br>Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. | yes |
| 11.1 | Acute toxicity:<br>Shall not be classified as acutely toxic.GHS of the United Nations, annex 4: May be harmful in contact with skin or if inhaled. | Acute toxicity:<br>Based on available data, the classification criteria are not met.GHS of the United Nations, annex 4: May be harmful in contact with skin or if inhaled. | yes |
| 11.1 | | Acute toxicity estimate (ATE) of components:<br>change in the listing (table) | yes |
| 11.1 | Skin corrosion/irritation:<br>Shall not be classified as corrosive/irritant to skin. | Skin corrosion/irritation:<br>Based on available data, the classification criteria are not met. | yes |
| 11.1 | Respiratory or skin sensitization:<br>Shall not be classified as a respiratory or skin sensitizer. | Respiratory or skin sensitization:<br>Based on available data, the classification criteria are not met. | yes |
| 11.1 | Germ cell mutagenicity:<br>Shall not be classified as germ cell mutagenic. | Germ cell mutagenicity:<br>Based on available data, the classification criteria are not met. | yes |
| 11.1 | Reproductive toxicity: | Reproductive toxicity: | yes |

# Armor All Ultra Shine Headlight Restoration Wipe - Step 1 Cleaning/Oxidation Removal

Version number: 10.0
Replaces version of: 2023-08-24 (9)
Revision: 2026-05-19

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---|---|---|---|
| | Shall not be classified as a reproductive toxicant. | Based on available data, the classification criteria are not met. | |
| 11.1 | Specific target organ toxicity - single exposure: Shall not be classified as a specific target organ toxicant (single exposure). | Specific target organ toxicity - single exposure: Based on available data, the classification criteria are not met. | yes |
| 11.1 | Specific target organ toxicity - repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure). | Specific target organ toxicity - repeated exposure: Based on available data, the classification criteria are not met. | yes |
| 11.1 | Aspiration hazard: Shall not be classified as presenting an aspiration hazard. | Aspiration hazard: Based on available data, the classification criteria are not met. | yes |
| 12.5 | Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0.1%. | Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%. | yes |
| 12.6 | Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%. | Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%. | yes |
| 15.1 | Toxic Substance Control Act (TSCA): all ingredients are listed (ACTIVE) or exempt from listing | Toxic Substance Control Act (TSCA): all ingredients are listed or exempt from listing | yes |
| 15.1 | New Zealand HSNO Approval Number: not applicable | | yes |
| 15.1 | | National inventories: change in the listing (table) | yes |

## Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## Disclaimer

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