



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

SECTION 1: Identification

1.1 Product identifier

Trade name **Armor All Quicksilver Wheel & Tire Cleaner - Aerosol**
Alternative number(s) 070612182340

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: <http://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	1	Eye Dam. 1	H318
B.6	flammable liquid	4	Flam. Liq. 4	H227

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.

2.2 Label elements

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

- Signal word danger

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

- Pictograms

GHS05



- Hazard statements

H227 Combustible liquid.
H318 Causes serious eye damage.

- Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P280 Wear protective gloves/eye protection/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.
P310 Immediately call a poison center/doctor.
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.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazardous ingredients for labelling Tetrasodium ethylenediamine tetraacetate

2.3 Other hazards

Hazards not otherwise classified

Causes mild skin irritation (GHS category 3: irritant to skin).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Fluorinated alkane	CAS No 75-37-6	5 – < 10	Flam. Gas 1 / H220 Press. Gas C / H280	 
Tetrasodium ethylene-diamine tetraacetate	CAS No 64-02-8	5 – < 10	Acute Tox. 4 / H302 Eye Dam. 1 / H318	 
1-butoxypropan-2-ol	CAS No 5131-66-8	1 – < 5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	
morpholine	CAS No 110-91-8	< 1	Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 4 / H332 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Flam. Liq. 3 / H226	  
sodium nitrite	CAS No 7632-00-0	< 1	Acute Tox. 3 / H301 Eye Irrit. 2 / H319 Ox. Sol. 2 / H272	  
Trisodium NTA	CAS No 5064-31-3	< 1	Acute Tox. 4 / H302 Eye Irrit. 2 / H319 Carc. 2 / H351	 

For full text of abbreviations: see SECTION 16.

Legend: Press. Gas

Press. Gas C: Gas under pressure: compressed gas

Press. Gas L: Gas under pressure: liquefied gas

Press. Gas R: Gas under pressure: refrigerated liquefied gas

Press. Gas D: Gas under pressure: dissolved gas.

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

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 spray, BC-powder, Carbon dioxide (CO₂)

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

Nitrogen oxides (NO_x), 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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

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.

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

Level 1 Aerosol.

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. 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.

Control of the effects

Protect against external exposure, such as

frost



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

- Ventilation requirements

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

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)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
US	morpholine	110-91-8	REL	20 (10 h)	70 (10 h)	30	105				NIOSH REL
US	morpholine	110-91-8	PEL	20	70						29 CFR 1910.1000
US	morpholine	110-91-8	TLV®	20						H	ACGIH® 2023
US	morpholine (tetrahydro-2H-1,4-oxazine)	110-91-8	PEL (CA)	20	70	30	105				Cal/OSHA PEL

Notation

Ceiling-C

H

STEL

TWA

ceiling value is a limit value above which exposure should not occur

absorbed through the skin

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Fluorinated alkane	75-37-6	DNEL	2,713 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Tetrasodium ethylenediamine tetraacetate	64-02-8	DNEL	1.5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Tetrasodium ethylenediamine tetraacetate	64-02-8	DNEL	3 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Tetrasodium ethylenediamine tetraacetate	64-02-8	DNEL	1.5 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
Tetrasodium ethylenediamine tetraacetate	64-02-8	DNEL	3 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
1-butoxypropan-2-ol	5131-66-8	DNEL	147 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
1-butoxypropan-2-ol	5131-66-8	DNEL	52 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
morpholine	110-91-8	DNEL	91 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
morpholine	110-91-8	DNEL	36 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
morpholine	110-91-8	DNEL	72 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
morpholine	110-91-8	DNEL	0.84 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
sodium nitrite	7632-00-0	DNEL	2 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
sodium nitrite	7632-00-0	DNEL	2 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Fluorinated alkane	75-37-6	PNEC	0.48 mg/l	aquatic organisms	water	intermittent release
Fluorinated alkane	75-37-6	PNEC	0.1 mg/l	aquatic organisms	freshwater	short-term (single instance)
Fluorinated alkane	75-37-6	PNEC	0.01 mg/l	aquatic organisms	marine water	short-term (single instance)
Fluorinated alkane	75-37-6	PNEC	2.525 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Fluorinated alkane	75-37-6	PNEC	2,318 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Fluorinated alkane	75-37-6	PNEC	231.8 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Fluorinated alkane	75-37-6	PNEC	462.1 mg/kg	terrestrial organisms	soil	short-term (single instance)
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	1.2 mg/l	aquatic organisms	water	intermittent release
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	2.83 mg/l	aquatic organisms	freshwater	short-term (single instance)
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	0.283 mg/l	aquatic organisms	marine water	short-term (single instance)
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	50 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	1.1 mg/kg	terrestrial organisms	soil	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.525 mg/l	aquatic organisms	freshwater	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.052 mg/l	aquatic organisms	marine water	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	2.36 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.236 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.16 mg/kg	terrestrial organisms	soil	short-term (single instance)
morpholine	110-91-8	PNEC	0.163 mg/l	aquatic organisms	freshwater	short-term (single instance)
morpholine	110-91-8	PNEC	0.016 mg/l	aquatic organisms	marine water	short-term (single instance)

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
morpholine	110-91-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
morpholine	110-91-8	PNEC	1.83 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
morpholine	110-91-8	PNEC	0.183 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
morpholine	110-91-8	PNEC	0.269 mg/kg	terrestrial organisms	soil	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	0.0054 mg/l	aquatic organisms	water	intermittent release
sodium nitrite	7632-00-0	PNEC	0.005 mg/l	aquatic organisms	freshwater	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	0.006 mg/l	aquatic organisms	marine water	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	21 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	0.019 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	0.022 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
sodium nitrite	7632-00-0	PNEC	0.001 mg/kg	terrestrial organisms	soil	short-term (single 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 suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

- Other protection measures

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

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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

Appearance

Physical state	liquid
Color	not determined
Particle	not relevant (liquid)
Odor	characteristic

Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	62.5 °C at 961.3 mbar
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)

Explosive limits

- Lower explosion limit (LEL)	3.7 vol%
- Upper explosion limit (UEL)	18 vol%



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Vapor pressure	1.05 mmHg at 25 °C
Density	not determined
Vapor density	this information is not available
Relative density	Information on this property is not available
Solubility(ies)	not determined
Partition coefficient	
- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none
9.2 Other information	there is no additional information

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

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

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Tetrasodium ethylenediamine tetraacetate	64-02-8	oral	>1,780 mg/kg
morpholine	110-91-8	oral	1,900 mg/kg
morpholine	110-91-8	dermal	500 mg/kg
morpholine	110-91-8	inhalation: vapor	11 mg/l/4h
sodium nitrite	7632-00-0	oral	100 mg/kg
Trisodium NTA	5064-31-3	oral	1,740 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
Trisodium NTA		2B	
morpholine	110-91-8	3	

Legend

2B

Possibly carcinogenic to humans

3

Not classifiable as to carcinogenicity in humans

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

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

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 $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

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

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	not subject to transport regulations
14.2	UN proper shipping name	not relevant
14.3	Transport hazard class(es)	none
14.4	Packing group	not assigned
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

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

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

Not subject to ICAO-IATA.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

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) not all ingredients are listed (ACTIVE)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
sodium nitrite	7632-00-0		1995-01-01

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

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
sodium nitrite	7632-00-0		1	100 (45,4)

Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

Clean Air Act

Name of substance	CAS No	Type of registration	Basis for listing	Threshold quantity (lbs)
Fluorinated alkane	75-37-6	Flammable substance	f	10000

Legend

f Flammable gas.

Right to Know Hazardous Substance List

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

Name of substance	CAS No	Functionality	Authoritative Lists
Water	7732-18-5	solvents	
Fluorinated alkane	75-37-6	fragrance	
Tetrasodium ethylenediamine tetraacetate	64-02-8	chelating agent	
1-butoxypropan-2-ol	5131-66-8	solvents	



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Name of substance	CAS No	Functionality	Authoritative Lists
Sodium gluconate	527-07-1	chelating agent	
Sodium Glycolate	2836-32-0	gelling agent	
Xanthan gum	11138-66-2	thickener	
morpholine	110-91-8	corrosion inhibitor	
sodium nitrite	7632-00-0	preservative	
sodium hydroxide	1310-73-2	pH Adjuster	OEHHA RELs
Propylene Glycol 2-Butyl Ether	15821-83-7	solvents	
Trisodium NTA	5064-31-3	chelating agent	
formaldehyde ... %	50-00-0	preservative	CA NLS CA TACs CDC 4th National Exposure Report EC Annex VI CMRs - Cat. 1B IARC Carcinogens - 1 IRIS Carcinogens - B1 NTP 13th RoC - known OEHHA RELs Prop 65
formaldehyde ... %	50-00-0	preservative	Nonfunctional constituents

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
sodium nitrite	7632-00-0				1.0 %

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
morpholine	110-91-8		CO F3 R1
Fluorinated alkane	75-37-6		F4
sodium nitrite	7632-00-0		

Legend

CO Corrosive
F3 Flammable - Third Degree
F4 Flammable - Fourth Degree
R1 Reactive - First Degree



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

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

Name acc. to inventory	CAS No	Classification
NITROUS ACID, SODIUM SALT	7632-00-0	E

Legend

E Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
morpholine	110-91-8	T, F
morpholine	110-91-8	T, F

Legend

F Flammability (NFPA®)
T Toxicity (ACGIH®)

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

Proposition 65 List of chemicals

Name acc. to inventory	CAS No	Remarks	Type of the toxicity
ethylene glycol monomethyl ether	109-86-4		developmental, male
formaldehyde	50-00-0	gas	cancer

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	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Category	Rating	Description
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	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	3	material that, under emergency conditions, can cause serious or permanent injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

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

Legend

AIIC Australian Inventory of Industrial Chemicals
CICR Chemical Inventory and Control Regulation



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Legend

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
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical 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.

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
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.1	The most important adverse physicochemical, human health and environmental effects: Contains gas under pressure; may explode if heated.	The most important adverse physicochemical, human health and environmental effects: The product is combustible and can be ignited by potential ignition sources.	yes
2.2		- Pictograms: change in the listing (table)	yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Other hazards: This material is combustible, but will not ignite readily.	Other hazards	yes
2.3		Hazards not otherwise classified	yes
2.3		Hazards not otherwise classified: change in the listing (table)	yes
2.3		Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.	yes
3.2		Description of the mixture: change in the listing (table)	yes
3.2		Legend: Press. Gas: Press. Gas C: Gas under pressure: compressed gas Press. Gas L: Gas under pressure: liquefied gas Press. Gas R: Gas under pressure: refrigerated liquefied gas Press. Gas D: Gas under pressure: dissolved gas.	yes
4.1	Following skin contact: Thaw frosted parts with lukewarm water. Do not rub affected area.	Following skin contact: Wash with plenty of soap and water.	yes
5.1	Suitable extinguishing media: Water spray, BC-powder	Suitable extinguishing media: Water spray, BC-powder, Carbon dioxide (CO ₂)	yes
5.2	Special hazards arising from the substance or mixture: Contact with the product can cause burns and/or frostbite. Contains gas under pressure; may explode if heated.	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.	yes
6.3		Advice on how to clean up a spill: Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder	yes
6.3		Appropriate containment techniques: Use of adsorbent materials.	yes
7.1	- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Use only in well-ventilated areas.	- 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.	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
7.1		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.	yes
7.2		- Explosive atmospheres: Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.	yes
7.2	- Flammability hazards: Do not spray on an open flame or other ignition source. 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.	yes
7.2	- Packaging compatibilities: Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.		yes
7.2		- Ventilation requirements: Use local and general ventilation. Ground/bond container and receiving equipment.	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1		Relevant DNELs of components of the mixture: change in the listing (table)	yes
8.1		Relevant PNECs of components of the mixture: change in the listing (table)	yes
8.2	Hand protection: Wear protective gloves.	Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.	yes
8.2	Respiratory protection: During spraying wear suitable respiratory equipment.	Respiratory protection: In case of inadequate ventilation wear respiratory protection.	yes
9.1	Physical state: aerosol (spray aerosol)	Physical state: liquid	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
9.1	Particle: not relevant (aerosol)	Particle: not relevant (liquid)	yes
9.1	Flammability (solid, gas): flammable aerosol in accordance with GHS criteria	Flammability (solid, gas): not relevant, (fluid)	yes
9.1	Vapor pressure: 514,624 Pa at 25 °C	Vapor pressure: 1.05 mmHg at 25 °C	yes
9.1	Auto-ignition temperature: not determined	Auto-ignition temperature	yes
9.1	Viscosity: not relevant (aerosol)	Viscosity: not determined	yes
9.2	Other information	other information: there is no additional information	yes
9.2	Propellant content: 8 %		yes
10.1	Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Gas under pressure. Risk of ignition.	Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.	yes
10.1	If heated: Danger of explosion, Gas under pressure, Danger of bursting container	If heated: Risk of ignition	yes
10.4	Conditions to avoid: Do not spray on an open flame or other ignition source. Keep away from heat.	Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	yes
10.4	Hints to prevent fire or explosion: Protect from sunlight.	Hints to prevent fire or explosion: Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.	yes
11.1		Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table)	yes
12.5	Results of PBT and vPvB assessment: Data are not available.	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 $\geq 0.1\%$.	yes
12.6	Endocrine disrupting properties: None of the ingredients are listed.	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
13.1		Waste treatment-relevant information: Solvent reclamation/regeneration.	yes
13.1	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.	Waste treatment of containers/packages: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	yes
14.1	UN number	UN number: not subject to transport regulations	yes
14.1	DOT: UN 1950		yes
14.1	IMDG-Code: UN 1950		yes
14.1	ICAO-TI: UN 1950		yes
14.2	DOT: Aerosols		yes
14.2	IMDG-Code: AEROSOLS		yes
14.2	ICAO-TI: Aerosols, flammable, containing substances in class 8, packing group III		yes
14.3	DOT: 2.1 (8)		yes
14.3	IMDG-Code: 2.1 (8)		yes
14.3	ICAO-TI: 2.1 (8)		yes
14.7	Particulars in the shipper's declaration: UN1950, Aerosols, 2.1 (8)		yes
14.7	Reportable quantity (RQ): 43,478 lbs (19,739 kg) (sodium nitrite) (formaldehyde ... %)		yes
14.7	Danger label(s): 2.1+8		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): N82		yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7	ERG No: 126		yes
14.7	Particulars in the shipper's declaration: UN1950, AEROSOLS, 2.1 (8)		yes
14.7	Marine pollutant: -		yes
14.7	Danger label(s): 2.1+8		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): 63, 190, 277, 327, 344, 381, 959		yes
14.7	Excepted quantities (EQ): E0		yes
14.7	Limited quantities (LQ): 1 L		yes
14.7	EmS: F-D, S-U		yes
14.7	Stowage category: -		yes
14.7	Particulars in the shipper's declaration: UN1950, Aerosols, flammable, containing substances in class 8, packing group III, 2.1 (8)		yes
14.7	Danger label(s): 2.1+8		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): A145, A167		yes
14.7	Excepted quantities (EQ): E0		yes
14.7	Limited quantities (LQ): 30 kg		yes
14.2	UN proper shipping name	UN proper shipping name: not relevant	yes
14.3	Transport hazard class(es)	Transport hazard class(es): none	yes



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information: Not subject to transport regulations.	yes
14.7	International Maritime Dangerous Goods Code (IMDG) - Additional information	International Maritime Dangerous Goods Code (IMDG) - Additional information: Not subject to IMDG.	yes
14.7	International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information	International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information: Not subject to ICAO-IATA.	yes
15.1		Toxic Substance Control Act (TSCA): not all ingredients are listed (ACTIVE)	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (RI-RTK): change in the listing (table)	yes
15.1		NPCA-HMIS® III: change in the listing (table)	yes
15.1		NFPA® 704: change in the listing (table)	yes
15.1		National inventories: change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
ACGIH® 2023	From ACGIH®, 2023 TLVs® and BEIs® Book. Copyright 2023. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
Carc.	Carcinogenicity



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DEP CODE	Department of Environmental Protection Code
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HHS	Higher hazard substance
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LHS	Lower hazard substance
NFPA®	National Fire Protection Association (United States)
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NLP	No-Longer Polymer
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
Ox. Sol.	Oxidizing solid
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
ppm	Parts per million
Press. Gas	Gas under pressure
Press. Gas C	Compressed gas
Press. Gas D	Dissolved gas
Press. Gas L	Liquefied gas
Press. Gas R	Refrigerated liquefied gas
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

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).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H220	Extremely flammable gas.
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H272	May intensify fire; oxidizer.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H302	Harmful if swallowed.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Quicksilver Wheel & Tire Cleaner - Aerosol

Version number: GHS 8.2
Replaces version of: 2022-07-06 (GHS 7)

Revision: 2023-09-11

Code	Text
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.

Disclaimer

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