



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

SECTION 1: Identification

1.1 Product identifier

Trade name **Armor All Disinfectant Cleaner**
Alternative number(s) 070612194671

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.3	flammable aerosol	1	Flam. Aerosol 1	H222
B.5	gases under pressure	C	Press. Gas C	H280

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Contains gas under pressure; may explode if heated.

2.2 Label elements

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

- Signal word danger

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

- Pictograms

GHS02, GHS04, GHS05



- Hazard statements

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
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.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P280 Wear 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.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

- Hazardous ingredients for labelling Tetrasodium ethylenediamine tetraacetate

2.3 Other hazards

Hazards not otherwise classified

Contains . May produce an allergic reaction.
Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).
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

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Tetrasodium ethylene-diamine tetraacetate	CAS No 64-02-8	5 - < 10	Acute Tox. 4 / H302 Eye Dam. 1 / H318	
2-butoxyethanol	CAS No 111-76-2	1 - < 5	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	
butane (containing ≥ 0,1 % butadiene (203-450-8))	CAS No 106-97-8	1 - < 5	Flam. Gas 1 / H220 Press. Gas C / H280	
disodium metasilicate	CAS No 6834-92-0	< 1	Acute Tox. 4 / H302 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Eye Dam. 1 / H318 STOT SE 3 / H335 Met. Corr. 1 / H290	

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

Thaw frosted parts with lukewarm water. Do not rub affected area.

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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

Unsuitable extinguishing media

Water jet

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.

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. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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. Use only in well-ventilated areas.

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

- Flammability hazards
Do not spray on an open flame or other ignition source. Protect from sunlight.

Control of the effects

Protect against external exposure, such as
frost

- 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)											
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	butane	106-97-8	PEL (CA)	800	1,900						Cal/OSHA PEL



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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	n-butane	106-97-8	REL	800 (10 h)	1,900 (10 h)						NIOSH REL
US	n-butane	106-97-8	TLV®			1,000				E	ACGIH® 2023
US	2-butoxyethanol	111-76-2	REL	5 (10 h)	24 (10 h)						NIOSH REL
US	2-butoxyethanol	111-76-2	TLV®	20							ACGIH® 2023
US	2-butoxyethanol	111-76-2	PEL	50	240						29 CFR 1910.1000
US	2-butoxyethanol (EGBE) (glycol monobutyl ether)	111-76-2	PEL (CA)	20	97						Ca/OSHA PEL

Notation

- Ceiling-C ceiling value is a limit value above which exposure should not occur
- E explosive
- STEL 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)
- TWA 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)

Biological limit values

Country	Name of agent	Parameter	Notation	Identifier	Value	Source
US	2-butoxyethanol	Butoxyacetic acid (BAA)	hydr, crea	BEI®	200 mg/g	ACGIH® 2023

Notation

- crea creatinine
- hydr hydrolysis



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

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	1.5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
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
2-butoxyethanol	111-76-2	DNEL	125 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-butoxyethanol	111-76-2	DNEL	89 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
2-butoxyethanol	111-76-2	DNEL	98 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
2-butoxyethanol	111-76-2	DNEL	1,091 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
2-butoxyethanol	111-76-2	DNEL	246 mg/m ³	human, inhalatory	worker (industry)	acute - local effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
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)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

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
Tetrasodium ethylenediamine tetraacetate	64-02-8	PNEC	1.1 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	9.1 mg/l	aquatic organisms	water	intermittent release
2-butoxyethanol	111-76-2	PNEC	8.8 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	0.88 mg/l	aquatic organisms	marine water	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	463 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	34.6 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	3.46 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	2.33 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 protective gloves.

- Other protection measures

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

Respiratory protection

During spraying wear suitable respiratory equipment.

Environmental exposure controls

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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	aerosol (spray aerosol)
Color	not determined
Particle	not relevant (aerosol)
Odor	characteristic

Other safety parameters

pH (value)	not determined
Melting point/freezing point	-187.6 °C at 1,013 hPa
Initial boiling point and boiling range	-161.5 °C at 1,013 hPa
Flash point	-104.4 °C (Estimated)
Evaporation rate	Not determined
Flammability (solid, gas)	flammable aerosol in accordance with GHS criteria

Explosive limits

- Lower explosion limit (LEL)	5 vol%
- Upper explosion limit (UEL)	15 vol%
Vapor pressure	0.8 Pa at 20 °C
Density	not determined
Vapor density	this information is not available
Relative density	Information on this property is not available
Solubility(ies)	not determined



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
-----------------------------	-----------------------------------

Auto-ignition temperature

Viscosity	not relevant (aerosol)
Explosive properties	none
Oxidizing properties	none

9.2 Other information

Propellant content	3 %
--------------------	-----

SECTION 10: Stability and reactivity

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.

If heated:

Danger of explosion, Gas under pressure, Danger of bursting container

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

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.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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
2-butoxyethanol	111-76-2	oral	1,414 mg/kg
disodium metasilicate	6834-92-0	oral	770 mg/kg
disodium metasilicate	6834-92-0	inhalation: vapor	>2.06 mg/l/4h
disodium metasilicate	6834-92-0	inhalation: dust/mist	0.5 mg/l/4h

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

Contains . May produce an allergic reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
2-butoxyethanol	111-76-2	3	

Legend

3 Not classifiable as to carcinogenicity in humans



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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

Harmful to aquatic life.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Tetrasodium ethylene-diamine tetraacetate	64-02-8	LC50	>100 mg/l	fish	96 h
Tetrasodium ethylene-diamine tetraacetate	64-02-8	EC50	>114 mg/l	aquatic invertebrates	48 h
Tetrasodium ethylene-diamine tetraacetate	64-02-8	ErC50	>60 mg/l	algae	72 h
Tetrasodium ethylene-diamine tetraacetate	64-02-8	NOEC	100 mg/l	fish	96 h
2-butoxyethanol	111-76-2	LC50	1,474 mg/l	fish	96 h
2-butoxyethanol	111-76-2	EC50	1,550 mg/l	aquatic invertebrates	48 h
2-butoxyethanol	111-76-2	ErC50	1,840 mg/l	algae	72 h
2-butoxyethanol	111-76-2	NOEC	88 mg/l	algae	72 h
butane (containing ≥ 0,1 % butadiene (203-450-8))	106-97-8	LC50	49.9 mg/l	fish	96 h
butane (containing ≥ 0,1 % butadiene (203-450-8))	106-97-8	EC50	19.37 mg/l	algae	96 h
disodium metasilicate	6834-92-0	LC50	310 mg/l	fish	96 h
disodium metasilicate	6834-92-0	EC50	1,700 mg/l	aquatic invertebrates	48 h



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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 1950
IMDG-Code	UN 1950
ICAO-TI	UN 1950

14.2 UN proper shipping name

DOT	Aerosols
IMDG-Code	AEROSOLS
ICAO-TI	Aerosols, flammable



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

14.3 Transport hazard class(es)

DOT	2.1
IMDG-Code	2.1
ICAO-TI	2.1

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

Particulars in the shipper's declaration	UN1950, Aerosols, 2.1
Reportable quantity (RQ)	515,464 lbs (234,021 kg) (ammonia ... %) (sodium hydroxide)
Danger label(s)	2.1



Special provisions (SP)	N82
ERG No	126

International Maritime Dangerous Goods Code (IMDG) - Additional information

Particulars in the shipper's declaration	UN1950, AEROSOLS, 2.1, -104.4°C c.c.
Marine pollutant	-
Danger label(s)	2.1



Special provisions (SP)	63, 190, 277, 327, 344, 381, 959
Excepted quantities (EQ)	E0
Limited quantities (LQ)	1 L
EmS	F-D, S-U
Stowage category	-



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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

Particulars in the shipper's declaration UN1950, Aerosols, flammable, 2.1

Danger label(s) 2.1



Special provisions (SP) A145, A167

Excepted quantities (EQ) E0

Limited quantities (LQ) 30 kg

SECTION 15: Regulatory information

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

National regulations (United States)

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

Clean Air Act

Name of substance	CAS No	Type of registration	Basis for listing	Threshold quantity (lbs)
butane (containing $\geq 0,1$ % butadiene (203-450-8))	106-97-8	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	
Tetrasodium ethylenediamine tetraacetate	64-02-8	chelating agent	
2-butoxyethanol	111-76-2	solvents	OEHHA RELs
butane (containing $\geq 0,1$ % butadiene (203-450-8))	106-97-8		EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Name of substance	CAS No	Functionality	Authoritative Lists
propane	68476-86-8		EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B
disodium metasilicate	6834-92-0	pH Adjuster	
n-Alkyl Dimethyl Benzyl Ammonium Chloride			CECBP - Priority Chemicals
n-Alkyl Dimethyl Benzyl Ammonium Chloride			CECBP - Priority Chemicals
Alkyl(C12-14)dimethyl(ethylbenzyl)ammonium Chloride			CECBP - Priority Chemicals
Sodium Glycolate	2836-32-0	gelling agent	
benzyl benzoate	120-51-4	fragrance	EU Fragrance Allergens
sodium hydroxide	1310-73-2	pH Adjuster	OEHHA RELs
Non-hazardous ingredients	Mixture	miscellaneous	
Trisodium NTA	5064-31-3	chelating agent	
Benzyl acetate	140-11-4	fragrance	
Benzyl salicylate	118-58-1	fragrance	EU Fragrance Allergens
Phenethyl alcohol	60-12-8	fragrance	
Cinnamyl alcohol	104-54-1	fragrance	
Orange Oil Valencia	8008-57-9 8028-48-6 68606-94-0	fragrance	
Oils, petitgrain	8014-17-3 72968-50-4	fragrance	

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
2-butoxyethanol		1022			1.0 %

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
2-butoxyethanol	111-76-2	A, O	skin
butane (containing ≥ 0,1 % butadiene (203-450-8))		N	



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- N National Institute for Occupational Safety and Health (NIOSH), "Recommendations for Occupational Safety and Health Standards," August 1988, available from NIOSH, Publications Dissemination Office, Division of Standards Development and Technology Transfer
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division
- skin If a potential for absorption from skin contact merits special consideration, the word "skin" follows the substance name.

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
2-butoxyethanol	111-76-2		CA F2
butane (containing $\geq 0,1$ % butadiene (203-450-8))	106-97-8		F4

Legend

- CA Carcinogenic
- F2 Flammable - Second Degree
- F4 Flammable - Fourth Degree

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

Name acc. to inventory	CAS No	Classification
ETHANOL, 2-BUTOXY-	111-76-2	
BUTANE	106-97-8	

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
2-butoxyethanol	111-76-2	T
2-butoxyethanol	111-76-2	T
butane (containing $\geq 0,1$ % butadiene (203-450-8))	106-97-8	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

none of the ingredients are listed

EPA Label Information

- Authorization number

EPA Reg. No. 706-65-96016



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

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	1	material that must be preheated 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
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	1	material that must be preheated 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	all ingredients are listed
CA	DSL	all ingredients are listed
CA	NDSL	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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Country	Inventory	Status
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	all ingredients are listed (ACTIVE)
VN	NCI	all ingredients are listed

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
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NDSL	Non-domestic Substances List (NDSL)
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
2.3		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
2.3		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 Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
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
6.2	Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.	Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1		Biological limit values: 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
9.1	Color: various	Color: not determined	yes
9.1		Particle: not relevant (aerosol)	yes
11.1		Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (acute) 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 Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1		Toxic or Hazardous Substance List (MA-TURA): change in the listing (table)	yes
15.1		Hazardous Substances List (MN-ERTK): change in the listing (table)	yes
15.1		Hazardous Substance List (NJ-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (Chapter 323) (PA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (RI-RTK): 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)
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)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
ERG No	Emergency Response Guidebook - Number
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
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LHS	Lower hazard substance
Met. Corr.	Substance or mixture corrosive to metals
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
NOEC	No Observed Effect Concentration
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
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
STOT SE	Specific target organ toxicity - single exposure
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)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All Disinfectant Cleaner

Version number: 6.2
Replaces version of: 2021-03-17 (5)

Revision: 2023-09-11

Code	Text
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H227	Combustible liquid.
H280	Contains gas under pressure; may explode if heated.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

Disclaimer

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