

acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

SECTION 1: Identification

1.1 Product identifier

Trade name Armor All FRESHfx Car Air Freshener New Car

Hanging Diffuser

Alternative number(s) 070612185952

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)

Website: http://data.energizer.com

Energizer Trading Ltd.

Sword House, Totteridge Road, High Wycombe, HP13 6DG, UK

Telephone: +44(0)8000353376

e-mail: ConsumerServiceEU@energizer.com

1.4 Emergency telephone number

Emergency information service 1-314-985-1511 Int'l: 1-800-526-4727

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 state- ment
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
A.4S	skin sensitization	1	Skin Sens. 1	H317
A.9	specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
B.6	flammable liquid	4	Flam. Liq. 4	H227

United States: en Page: 1 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources. The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).

2.2 Label elements

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

- Signal word warning

- Pictograms

GHS07, GHS08



- Hazard statements

H227	Combustible liquid.
H315	Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

H373 May cause damage to organs (nervous system) through prolonged or repeated exposure.

- 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.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

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 regula-

tions.

2.2.1.7 - Hazardous ingredients for labelling

Patchouli ethanone, Distillates (petroleum), hydrotreated light, (R)-p-mentha-1,8-diene, Lyral, acetyl cedrene, Linalool

United States: en Page: 2 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

2.3 Other hazards

This material is combustible, but will not ignite readily.

Hazards not otherwise classified

Explosive with or without contact with air.

May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Containing a PBT-/vPvB-substance 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

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
3,5,5-trimethylhexyl acet- ate	CAS No 58430-94-7	10-<25	Skin Irrit. 2 / H315	<u>(1)</u>
Decamethylcyclopentas- iloxane	CAS No 541-02-6	10-<25	Flam. Liq. 4 / H227	
Distillates (petroleum), hy- drotreated light	CAS No 64742-47-8	5 - < 10	Acute Tox. 3 / H331 STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	
Florosol	CAS No 63500-71-0	5 – < 10	Eye Irrit. 2 / H319	1
Lyral	CAS No 31906-04-4	5 – < 10	Skin Sens. 1B / H317	<u>(1)</u>
Hedione	CAS No 24851-98-7	5 – < 10	Acute Tox. 4 / H332	1
acetyl cedrene	CAS No 32388-55-9	1-<5	Skin Sens. 1B / H317	<u>(1)</u>
Linalool	CAS No 78-70-6	1-<5	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	<u>(1)</u>

United States: en Page: 3 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
(R)-p-mentha-1,8-diene	CAS No 5989-27-5	<1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Flam. Liq. 3 / H226	(1)

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. In case of respiratory tract irritation, consult a physician. 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 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.

United States: en Page: 4 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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. 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

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.

United States: en Page: 5 / 26





Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

- 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. 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)

Coun try	Name of agent	CAS No	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota tion	Sourc e
US	benzyl acetate	140-11-4	PEL (CA)	10	61						Cal/ OSHA PEL
US	benzyl acetate	140-11-4	TLV®	10							AC- GIH® 2019

Notation Ceiling-C

STEL

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

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)

United States: en Page: 6 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Notation

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

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
3,5,5-trimethylhexyl acetate	58430-94-7	DNEL	0.13 mg/kg	human, dermal	worker (industry)	chronic - system- ic effects
3,5,5-trimethylhexyl acetate	58430-94-7	DNEL	0.94 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Decamethylcyclo- pentasiloxane	541-02-6	DNEL	97.3 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Decamethylcyclo- pentasiloxane	541-02-6	DNEL	24.2 mg/m ³	human, inhalatory	worker (industry)	acute - local ef- fects
Decamethylcyclo- pentasiloxane	541-02-6	DNEL	97.3 mg/m³	human, inhalatory	worker (industry)	chronic - system- ic effects
Decamethylcyclo- pentasiloxane	541-02-6	DNEL	24.2 mg/m³	human, inhalatory	worker (industry)	chronic - local ef- fects
Florosol	63500-71-0	DNEL	44.1 mg/m³	human, inhalatory	worker (industry)	chronic - system- ic effects
Florosol	63500-71-0	DNEL	41.7 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Hedione	24851-98-7	DNEL	29.3 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Hedione	24851-98-7	DNEL	9.04 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
acetyl cedrene	32388-55-9	DNEL	1.175 mg/ m³	human, inhalatory	worker (industry)	chronic - system- ic effects
acetyl cedrene	32388-55-9	DNEL	0.333 mg/ kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	2.8 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	16.5 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Linalool	78-70-6	DNEL	5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

United States: en Page: 7 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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
(R)-p-mentha-1,8- diene	5989-27-5	DNEL	66.7 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
(R)-p-mentha-1,8- diene	5989-27-5	DNEL	9.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	7.7 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	0.77 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	2.895 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	0.29 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	2.66 ^{mg} / _{kg}	aquatic organisms	water	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	0.573 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
3,5,5-trimethylhexyl acetate	58430-94-7	PNEC	77 ^{µg} / _l	aquatic organisms	water	intermittent re- lease
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	1.2 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	0.12 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	11 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	1.1 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Decamethylcyclo- pentasiloxane	541-02-6	PNEC	2.54 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)

United States: en Page: 8 / 26

acc. to 29 CFR 1910.1200 App D



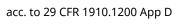
Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Florosol	63500-71-0	PNEC	0.94 ^{mg} / _l	aquatic organisms	water	intermittent re- lease
Florosol	63500-71-0	PNEC	0.094 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Florosol	63500-71-0	PNEC	0.009 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Florosol	63500-71-0	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Florosol	63500-71-0	PNEC	0.412 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Florosol	63500-71-0	PNEC	0.041 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Florosol	63500-71-0	PNEC	0.09 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Hedione	24851-98-7	PNEC	186 ^{µg} / _l	aquatic organisms	water	intermittent re- lease
Hedione	24851-98-7	PNEC	37.2 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
Hedione	24851-98-7	PNEC	3.72 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
Hedione	24851-98-7	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Hedione	24851-98-7	PNEC	1,897 ^{µg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Hedione	24851-98-7	PNEC	189.7 ^{µg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Hedione	24851-98-7	PNEC	357.6 ^{µg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	1.74 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	0.174 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	24.4 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)

United States: en Page: 9 / 26





Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
acetyl cedrene	32388-55-9	PNEC	2.44 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
acetyl cedrene	32388-55-9	PNEC	4.87 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Linalool	78-70-6	PNEC	7.8 ^{mg} / _{kg}	aquatic organisms	water	short-term (single instance)
Linalool	78-70-6	PNEC	2 ^{mg} / _l	aquatic organisms	water	intermittent re- lease
Linalool	78-70-6	PNEC	0.2 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Linalool	78-70-6	PNEC	0.02 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Linalool	78-70-6	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Linalool	78-70-6	PNEC	2.22 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Linalool	78-70-6	PNEC	0.222 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Linalool	78-70-6	PNEC	0.327 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	14 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	1.4 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	1.8 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	3.85 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	0.385 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
(R)-p-mentha-1,8- diene	5989-27-5	PNEC	0.763 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls General ventilation.

United States: en Page: 10 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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.

- 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	various
Odor	characteristic

Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	≥146 °C at 101.3 kPa
Flash point	82.7 °C at 101.3 kPa
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)

United States: en Page: 11 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Explosive limits	not determined
Vapor pressure	≤3.7 kPa at 37.8 °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	645.2 K (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	explosive
Oxidizing properties	none

9.2 Other information

Temperature class (USA, acc. to NEC 500) T2	(maximum permissible surface temperature on the equipment: °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

If exposed to air:

Danger of explosion.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

United States: en Page: 12 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Distillates (petroleum), hydrotreated light	64742-47-8	inhalation: vapor	5.28 ^{mg} / _l /4h
Hedione	24851-98-7	inhalation: vapor	11 ^{mg} / _l /4h
Hedione	24851-98-7	inhalation: dust/mist	4.93 ^{mg} / _l /4h

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

United States: en Page: 13 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Carcinogenicity

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
(R)-p-mentha-1,8-diene	5989-27-5	3	

Legend

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

May cause damage to organs (nervous system) through prolonged or repeated exposure.

Hazard category	Target organ	Exposure route
2	nervous system	if exposed

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
3,5,5-trimethylhexyl acetate	58430-94-7	LC50	7.7 ^{mg} / _l	fish	96 h
3,5,5-trimethylhexyl acetate	58430-94-7	EC50	>5.8 ^{mg} / _l	aquatic invertebrates	48 h
3,5,5-trimethylhexyl acetate	58430-94-7	ErC50	>3.8 ^{mg} / _l	algae	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	LL50	5 ^{mg} / _l	fish	96 h

United States: en Page: 14 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	1.4 ^{mg} / _l	aquatic invertebrates	48 h
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 ^{mg} / _l	rainbow trout (Onco- rhynchus mykiss)	96 h
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 ^{mg} / _l	goldfish (Carassius auratus)	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 ^{mg} / _l	water flea (Daphnia)	48 h
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 ^{mg} / _l	algae	72 h
Florosol	63500-71-0	EC50	320 ^{mg} / _I	aquatic invertebrates	48 h
Florosol	63500-71-0	ErC50	>100 ^{mg} / _l	algae	72 h
Hedione	24851-98-7	LC50	28 ^{mg} / _l	fish	24 h
Hedione	24851-98-7	EC50	13.1 ^{mg} / _l	aquatic invertebrates	24 h
Hedione	24851-98-7	ErC50	49.2 ^{mg} / _l	algae	48 h
acetyl cedrene	32388-55-9	LC50	2.3 ^{mg} / _l	fish	96 h
acetyl cedrene	32388-55-9	EC50	0.86 ^{mg} / _l	aquatic invertebrates	48 h
acetyl cedrene	32388-55-9	ErC50	>4.3 ^{mg} / _l	algae	96 h
Linalool	78-70-6	LC50	27.8 ^{mg} / _l	fish	96 h
Linalool	78-70-6	EC50	59 ^{mg} / _I	aquatic invertebrates	48 h
Linalool	78-70-6	ErC50	156.7 ^{mg} / _l	algae	96 h
(R)-p-mentha-1,8-diene	5989-27-5	LC50	720 ^{µg} / _l	fish	96 h
(R)-p-mentha-1,8-diene	5989-27-5	EC50	688 ^{µg} / _I	fish	96 h
(R)-p-mentha-1,8-diene	5989-27-5	ErC50	0.32 ^{mg} / _l	algae	72 h
		l	1	1	1

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
3,5,5-trimethylhexyl acetate	58430-94-7	EC50	>5.4 ^{mg} / _l	aquatic invertebrates	24 h

United States: en Page: 15 / 26

Energizer.

Holdings, Inc.

acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Decamethylcyclo- pentasiloxane	541-02-6	EC50	>2,000 ^{mg} / _l	microorganisms	3 h
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	0.89 ^{mg} / _l	aquatic invertebrates	21 d
Florosol	63500-71-0	EC50	>1,000 ^{mg} / _l	microorganisms	3 h
Hedione	24851-98-7	LC50	28 ^{mg} / _l	fish	24 h
Hedione	24851-98-7	EC50	0.732 ^{mg} / _l	aquatic invertebrates	21 d
acetyl cedrene	32388-55-9	EC50	0.32 ^{mg} / _l	aquatic invertebrates	21 d
Linalool	78-70-6	LC50	27.8 ^{mg} / _l	fish	24 h
Linalool	78-70-6	EC50	>100 ^{mg} / _l	microorganisms	30 min
(R)-p-mentha-1,8-diene	5989-27-5	EC50	<0.67 ^{mg} / _l	fish	8 d
(R)-p-mentha-1,8-diene	5989-27-5	LC50	0.41 ^{mg} / _l	fish	8 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

The substance fulfills the very bioaccumulative criterion.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).

12.6 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

United States: en Page: 16 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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 3082

14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s.

Technical name (hazardous ingredients) 3,5,5-trimethylhexyl acetate, Patchouli ethanone

14.3 Transport hazard class(es)

Class 9 (environmentally hazardous)

14.4 Packing group III (substance presenting low danger)

14.5 Environmental hazards hazardous to the aquatic environment

Environmentally hazardous substance (aquatic 3,5,5-trimethylhexyl acetate, Patchouli ethanone

environment)

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Not regulated when carried in single or combination packaging containing a net quantity of 5L or less or 5 kg or less per the following:

DOT: 171.4(2) ADR: SP 375 IMDG: 2.10.2.7

IATA: special provision A197, DOT

United States: en Page: 17 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Transport of dangerous goods by road or rail (49 CFR US DOT)

Index number 3082

Proper shipping name Environmentally hazardous substance, liquid, n.o.s.

- Particulars in the shipper's declaration UN3082, Environmentally hazardous substance, li-

quid, n.o.s., (contains: 3,5,5-trimethylhexyl acetate,

Patchouli ethanone), 9, III

Class 9
Packing group III

Danger label(s) 9, fish and tree

Environmental hazards yes (hazardous to the aquatic environment)

Special provisions (SP)

8, 146, 173, 335, IB3, T4, TP1, TP29

ERG No 171

International Maritime Dangerous Goods Code (IMDG)

UN number 3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LI-

QUID, N.O.S.

- Particulars in the shipper's declaration UN3082, ENVIRONMENTALLY HAZARDOUS SUB-

STANCE, LIQUID, N.O.S., (contains: 3,5,5-trimethyl-

hexyl acetate, Patchouli ethanone), 9, III

Class 9

Marine pollutant yes (hazardous to the aquatic environment)

Packing group III

Danger label(s) 9, fish and tree

Special provisions (SP) 274, 335, 969

Excepted quantities (EQ) E1
Limited quantities (LQ) 5 L

EmS F-A, S-F

Stowage category A

United States: en Page: 18 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

International Civil Aviation Organization (ICAO-IATA/DGR)

UN number 3082

Proper shipping name Environmentally hazardous substance, liquid, n.o.s.

- Particulars in the shipper's declaration UN3082, Environmentally hazardous substance, li-

quid, n.o.s., (contains: 3,5,5-trimethylhexyl acetate,

Patchouli ethanone), 9, III

Class

Environmental hazards yes (hazardous to the aquatic environment)

Packing group III

Danger label(s) 9, fish and tree

Special provisions (SP) A97, A158, A197

Excepted quantities (EQ) E1
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)

Toxic Substance Control Act (TSCA) all ingredients are listed

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

United States: en Page: 19 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Right to Know Hazardous Substance List

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

Name of substance	Name acc. to inventory	CAS No	Functional- ity	Authoritative Lists
3,5,5-trimethylhexyl acetate		58430-94-7	fragrance	
Patchouli ethanone		54464-57-2	fragrance	
Decamethylcyclopentasiloxane	decamethylcyclopentasiloxane (D5)	541-02-6	emulsifier	Canada PBiTs CECBP - Priority Chemicals EC PBTs
Hedione		24851-98-7	fragrance	
Florosol		63500-71-0	fragrance	
Lyral	Hydroxy-methylpentyl-cyclo- hexenecarboxalde-hyde	31906-04-4	fragrance	EU Fragrance Allergens
Distillates (petroleum), hydro- treated light		64742-47-8	solvents	
Benzyl acetate		140-11-4	fragrance	
Linalool	Linalool	78-70-6	fragrance	EU Fragrance Allergens
Cis-p-Menthan-7-ol		13828-37-0	fragrance	
Acetyl cedrene		32388-55-9	fragrance	
(R)-p-mentha-1,8-diene	d-Limonene	5989-27-5	fragrance	EU Fragrance Allergens

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

Name of substance	Name acc. to inventory	CAS No	References	Remarks
Benzyl acetate	Benzyl acetate	140-11-4	А	

Legend

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

- Hazardous Substance List (NJ-RTK)

United States: en Page: 20 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Name of substance	Name acc. to inventory	CAS No	Remarks	Classifications
Benzyl acetate	benzyl acetate (acetic acid, phenylmethyl ester)	140-11-4		F2
(R)-p-mentha-1,8-diene	dipentene	138-86-3		F2

Legend

F2 Flammable - Second Degree

- Hazardous Substance List (Chapter 323) (PA-RTK) none of the ingredients are listed
- 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

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	2	material that must be moderately heated or exposed to relatively high ambient tem- peratures 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	2	material that must be moderately heated or exposed to relatively high ambient tem- peratures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury

United States: en Page: 21 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Category	Degree of hazard	Description
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
AU	AICS	all ingredients are listed
CA	DSL	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
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	all ingredients are listed

Legend

AICS CICR

CSCL-ENCS

DSL

ECSI

Australian Inventory of Chemical Substances
Chemical Inventory and Control Regulation
List of Existing and New Chemical Substances (CSCL-ENCS)
Domestic Substances List (DSL)
EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China **IECSC**

INSQ National Inventory of Chemical Substances

ISHA-ENCS Inventory of Existing and New Chemical Substances (ISHA-ENCS)

KECI

NZIoC

Korea Existing Chemicals Inventory
New Zealand Inventory of Chemicals
Philippine Inventory of Chemicals and Chemical Substances (PICCS) **PICCS**

REACH Reg. REACH registered substances

Taiwan Chemical Substance Inventory TCSI

TSCA Toxic Substance Control Act

Chemical Safety Assessment

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

United States: en Page: 22 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

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- relev- ant
3.2		Description of the mixture: change in the listing (table)	yes
9.2	Solvent content: 100 %		yes
9.2	Solid content: 0 %		yes
12.1		Aquatic toxicity (acute) of components of the mix- ture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): 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

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. 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
Asp. Tox.	Aspiration hazard
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

United States: en Page: 23 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

S Version of: 2020-06	
Abbr.	Descriptions of used abbreviations
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
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
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
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. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
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
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
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)
РВТ	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million

United States: en Page: 24 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Abbr.	Descriptions of used abbreviations	
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)	
Skin Corr.	Corrosive to skin	
Skin Irrit.	Irritant to skin	
Skin Sens.	Skin sensitization	
STEL	Short-term exposure limit	
STOT RE	Specific target organ toxicity - repeated exposure	
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 chapter 2 and 3)

Code	Text
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs (nervous system) through prolonged or repeated exposure.

United States: en Page: 25 / 26



acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener New Car Hanging Diffuser

Version number: 3.0 Revision: 2020-10-21 Replaces version of: 2020-06-09 (2)

Disclaimer

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

United States: en Page: 26 / 26