



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Armor All FRESHfx SmokeX Midnight Air Pump Spray

Version number: 4.0  
Replaces version of: 2020-10-21 (3)

Revision: 2021-01-08

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Armor All FRESHfx SmokeX Midnight Air Pump Spray**  
Alternative number(s) 070612191861, 70612193902

#### 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](mailto: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 statement
A.4S	skin sensitization	1	Skin Sens. 1	H317
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.

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### 2.2 Label elements

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

- Signal word                      warning

- Pictograms

GHS07



- Hazard statements

H227                      Combustible liquid.  
H317                      May cause an allergic skin reaction.

- 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.  
P261                      Avoid breathing mist/vapors.  
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.  
P321                      Specific treatment (see on this label).  
P333+P313              If skin irritation or rash occurs: Get medical advice/attention.  
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 national regulations.

2.2.1.7- Hazardous ingredients for labelling

Coumarin, (R)-p-mentha-1,8-diene, Geraniol,  
Patchouli ethanone

### 2.3 Other hazards

This material is combustible, but will not ignite readily.

Hazards not otherwise classified

Contains 2-octyl-3(2H)-isothiazolone, 1,2-Benzisothiazolin-3-one, Linalyl acetate, Coumarin, Linalool, Geraniol, (R)-p-mentha-1,8-diene, Patchouli ethanone, Acetyl cedrene. May produce an allergic reaction.  
Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).



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### 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
Alcohols, C6-12, ethoxylated propoxylated	CAS No 68937-66-6	5 – < 10	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319	
(2-methoxymethylethoxy)propanol	CAS No 34590-94-8	1 – < 5	Flam. Liq. 4 / H227	
alcohols, C10-C16, ethoxylated propoxylated	CAS No 69227-22-1	1 – < 5	Eye Irrit. 2 / H319	
2-octyl-3(2H)-isothiazolone	CAS No 26530-20-1	< 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Skin Sens. 1 / H317	
Patchouli ethanone	CAS No 54464-57-2	< 1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317	
Linalyl acetate	CAS No 115-95-7	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Coumarin	CAS No 91-64-5	< 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Skin Sens. 1 / H317	
1,2-Benzisothiazolin-3-one	CAS No 2634-33-5	< 1	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317	
Linalool	CAS No 78-70-6	< 1	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1B / H317 Flam. Liq. 4 / H227	
Geraniol	CAS No 106-24-1	< 1	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317	







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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 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226	  
Acetyl cedrene	CAS No 32388-55-9	< 1	Skin Sens. 1B / H317	

For full text of abbreviations: see SECTION 16.

### SECTION 4: First-aid measures

#### 4.1 Description of first-aid measures

##### General notes

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

##### Following inhalation

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

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

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

##### Following ingestion

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

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

Symptoms and effects are not known to date.

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

none

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet



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#### 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<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 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

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.



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#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

###### Recommendations

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

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

###### - Specific notes/details

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

###### Advice on general occupational hygiene

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

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

###### Managing of associated risks

###### - Explosive atmospheres

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

###### - 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.



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### 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 <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	(2-methoxy-methylethoxy)propanol	34590-94-8	TLV®	100		150					AC-GIH® 2019
US	dipropylene glycol methyl ether	34590-94-8	PEL (CA)	100	600	150	900				Cal/OSHA PEL
US	dipropylene glycol methyl ether	34590-94-8	REL	100 (10 h)	600 (10 h)	150	900				NIOSH REL
US	dipropylene glycol methyl ether	34590-94-8	PEL	100	600						29 CFR 1910.1000

Notation

Ceiling-C

STEL

TWA

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)

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
(2-methoxymethyl-ethoxy)propanol	34590-94-8	DNEL	308 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
(2-methoxymethyl-ethoxy)propanol	34590-94-8	DNEL	283 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalyl acetate	115-95-7	DNEL	2.75 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Linalyl acetate	115-95-7	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalyl acetate	115-95-7	DNEL	236.2 µg/cm <sup>2</sup>	human, dermal	worker (industry)	chronic - local effects



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Name of sub-stance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Linalyl acetate	115-95-7	DNEL	236.2 µg/cm <sup>2</sup>	human, dermal	worker (industry)	acute - local effects
Linalool	78-70-6	DNEL	2.8 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Linalool	78-70-6	DNEL	16.5 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Linalool	78-70-6	DNEL	2.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Linalool	78-70-6	DNEL	5 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Coumarin	91-64-5	DNEL	6.78 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Coumarin	91-64-5	DNEL	0.79 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Geraniol	106-24-1	DNEL	161.6 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Geraniol	106-24-1	DNEL	12.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Geraniol	106-24-1	DNEL	11,800 µg/cm <sup>2</sup>	human, dermal	worker (industry)	chronic - local effects
(R)-p-mentha-1,8-diene	5989-27-5	DNEL	66.7 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
(R)-p-mentha-1,8-diene	5989-27-5	DNEL	9.5 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Acetyl cedrene	32388-55-9	DNEL	1.17 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Acetyl cedrene	32388-55-9	DNEL	0.333 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
1,2-Benzisothiazolin-3-one	2634-33-5	DNEL	6.81 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
1,2-Benzisothiazolin-3-one	2634-33-5	DNEL	0.966 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects





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Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	190 mg/l	aquatic organisms	water	intermittent release
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	19 mg/l	aquatic organisms	freshwater	short-term (single instance)
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	1.9 mg/l	aquatic organisms	marine water	short-term (single instance)
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	4,168 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	70.2 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	7.02 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
(2-methoxymethyl-ethoxy)propanol	34590-94-8	PNEC	2.74 mg/kg	terrestrial organisms	soil	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.11 mg/l	aquatic organisms	water	intermittent release
Linalyl acetate	115-95-7	PNEC	0.011 mg/l	aquatic organisms	freshwater	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.609 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.061 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Linalyl acetate	115-95-7	PNEC	0.115 mg/kg	terrestrial organisms	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 release
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)



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Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Linalool	78-70-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Linalool	78-70-6	PNEC	2.22 mg/kg	aquatic organisms	freshwater sediment	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 organisms	soil	short-term (single instance)
Coumarin	91-64-5	PNEC	0.056 mg/l	aquatic organisms	water	intermittent release
Coumarin	91-64-5	PNEC	19 µg/l	aquatic organisms	freshwater	short-term (single instance)
Coumarin	91-64-5	PNEC	1.9 µg/l	aquatic organisms	marine water	short-term (single instance)
Coumarin	91-64-5	PNEC	6.4 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Coumarin	91-64-5	PNEC	0.15 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Coumarin	91-64-5	PNEC	0.015 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Coumarin	91-64-5	PNEC	0.018 mg/kg	terrestrial organisms	soil	short-term (single instance)
Geraniol	106-24-1	PNEC	0.108 mg/l	aquatic organisms	water	intermittent release
Geraniol	106-24-1	PNEC	0.011 mg/l	aquatic organisms	freshwater	short-term (single instance)
Geraniol	106-24-1	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
Geraniol	106-24-1	PNEC	0.7 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Geraniol	106-24-1	PNEC	0.115 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Geraniol	106-24-1	PNEC	0.011 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Geraniol	106-24-1	PNEC	0.017 mg/kg	terrestrial organisms	soil	short-term (single instance)



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Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
(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 treatment plant (STP)	short-term (single instance)
(R)-p-mentha-1,8-diene	5989-27-5	PNEC	3.85 mg/kg	aquatic organisms	freshwater sediment	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 organisms	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 treatment plant (STP)	short-term (single instance)
Acetyl cedrene	32388-55-9	PNEC	24.4 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
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 organisms	soil	short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	2.2 µg/l	aquatic organisms	freshwater	short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	0.22 µg/l	aquatic organisms	marine water	short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	47.5 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	4.75 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	8.2 µg/kg	terrestrial organisms	soil	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	4.03 µg/l	aquatic organisms	freshwater	short-term (single instance)



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1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	0.403 µg/l	aquatic organisms	marine water	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	1.03 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	49.9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	4.99 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	3 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.

##### - 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.



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### 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	100 °C
Flash point	75 °C at 1,013 mbar
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)

##### Explosive limits

- Lower explosion limit (LEL)	1.1 vol%
- Upper explosion limit (UEL)	14 vol%
Vapor pressure	10 mmHg at 75.1 °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
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	Auto-ignition temperature	not determined
	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.

#### 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.



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### 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
Coumarin	91-64-5	oral	293 mg/kg
Coumarin	91-64-5	dermal	293 mg/kg
2-octyl-3(2H)-isothiazolone	26530-20-1	oral	125 mg/kg
2-octyl-3(2H)-isothiazolone	26530-20-1	dermal	300 mg/kg
2-octyl-3(2H)-isothiazolone	26530-20-1	inhalation: vapor	3 mg/l/4h
1,2-Benzisothiazolin-3-one	2634-33-5	oral	670 mg/kg

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### Respiratory or skin sensitization

May cause an allergic skin 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
Coumarin	91-64-5	3	



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### 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

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 with long lasting effects.

#### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
(2-methoxymethylethoxy)propanol	34590-94-8	LC50	>1,000 mg/l	fish	96 h
(2-methoxymethylethoxy)propanol	34590-94-8	ErC50	>969 mg/l	algae	72 h
(2-methoxymethylethoxy)propanol	34590-94-8	EC50	>969 mg/l	algae	72 h
(2-methoxymethylethoxy)propanol	34590-94-8	NOEC	969 mg/l	algae	72 h
Linalyl acetate	115-95-7	ErC50	62 mg/l	algae	72 h
Linalyl acetate	115-95-7	LC50	11 mg/l	fish	96 h
Linalyl acetate	115-95-7	EC50	59 mg/l	aquatic invertebrates	48 h
Linalyl acetate	115-95-7	NOEC	25 mg/l	aquatic invertebrates	48 h
Linalool	78-70-6	LC50	27.8 mg/l	fish	96 h





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### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Linalool	78-70-6	EC50	59 mg/l	aquatic invertebrates	48 h
Linalool	78-70-6	ErC50	156.7 mg/l	algae	96 h
Linalool	78-70-6	NOEC	<3.5 mg/l	fish	96 h
Linalool	78-70-6	growth (EbCx) 10%	38.4 mg/l	algae	96 h
Linalool	78-70-6	growth rate (ErCx) 10%	54.3 mg/l	algae	96 h
Coumarin	91-64-5	LC50	2.94 mg/l	fish	96 h
Coumarin	91-64-5	EC50	8.012 mg/l	aquatic invertebrates	48 h
Coumarin	91-64-5	NOEC	0.431 mg/l	algae	72 h
Geraniol	106-24-1	LC50	22 mg/l	fish	96 h
Geraniol	106-24-1	EC50	10.8 mg/l	aquatic invertebrates	48 h
Geraniol	106-24-1	ErC50	13.1 mg/l	algae	72 h
Geraniol	106-24-1	NOEC	10 mg/l	fish	96 h
Geraniol	106-24-1	growth rate (ErCx) 10%	3.77 mg/l	algae	72 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/l	fish	96 h
(R)-p-mentha-1,8-diene	5989-27-5	ErC50	0.32 mg/l	algae	72 h
(R)-p-mentha-1,8-diene	5989-27-5	NOEC	0.09 mg/l	algae	48 h
(R)-p-mentha-1,8-diene	5989-27-5	growth (EbCx) 10%	0.45 mg/l	aquatic invertebrates	24 h
(R)-p-mentha-1,8-diene	5989-27-5	growth rate (ErCx) 10%	0.174 mg/l	algae	72 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
Acetyl cedrene	32388-55-9	NOEC	1.07 mg/l	algae	96 h



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### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Acetyl cedrene	32388-55-9	growth (EbCx) 10%	0.49 mg/l	algae	96 h
Acetyl cedrene	32388-55-9	growth rate (ErCx) 10%	3 mg/l	algae	96 h
2-octyl-3(2H)-isothiazolone	26530-20-1	LC50	0.122 mg/l	fish	96 h
2-octyl-3(2H)-isothiazolone	26530-20-1	ErC50	0.15 mg/l	algae	96 h
1,2-Benzisothiazolin-3-one	2634-33-5	LC50	16.7 mg/l	fish	96 h
1,2-Benzisothiazolin-3-one	2634-33-5	EC50	2.94 mg/l	aquatic invertebrates	48 h
1,2-Benzisothiazolin-3-one	2634-33-5	ErC50	150 µg/l	algae	72 h
1,2-Benzisothiazolin-3-one	2634-33-5	NOEC	55 µg/l	algae	72 h

### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
(2-methoxymethylethoxy)propanol	34590-94-8	LC50	>1,000 mg/l	aquatic invertebrates	24 h
(2-methoxymethylethoxy)propanol	34590-94-8	NOEC	≥0.5 mg/l	aquatic invertebrates	22 d
(2-methoxymethylethoxy)propanol	34590-94-8	LOEC	0.5 mg/l	aquatic invertebrates	22 d
(2-methoxymethylethoxy)propanol	34590-94-8	growth (EbCx) 10%	4,168 mg/l	microorganisms	18 h
Linalyl acetate	115-95-7	LC50	11.14 mg/l	fish	20 h
Linalyl acetate	115-95-7	NOEC	>25.7 mg/l	microorganisms	28 d
Linalool	78-70-6	LC50	27.8 mg/l	fish	24 h
Linalool	78-70-6	EC50	>100 mg/l	microorganisms	30 min
Linalool	78-70-6	growth (EbCx) 10%	>100 mg/l	microorganisms	3 h



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#### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Coumarin	91-64-5	NOEC	0.191 mg/l	fish	30 d
Geraniol	106-24-1	EC50	70 mg/l	microorganisms	30 min
Geraniol	106-24-1	growth (EbCx) 35%	13 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
(R)-p-mentha-1,8-diene	5989-27-5	NOEC	0.37 mg/l	fish	8 d
(R)-p-mentha-1,8-diene	5989-27-5	LOEC	0.67 mg/l	fish	8 d
(R)-p-mentha-1,8-diene	5989-27-5	growth (EbCx) 10%	<0.67 mg/l	fish	8 d
Acetyl cedrene	32388-55-9	EC50	0.32 mg/l	aquatic invertebrates	21 d
Acetyl cedrene	32388-55-9	NOEC	0.087 mg/l	aquatic invertebrates	21 d
Acetyl cedrene	32388-55-9	LOEC	0.23 mg/l	aquatic invertebrates	21 d
1,2-Benzisothiazolin-3-one	2634-33-5	EC50	13 mg/l	microorganisms	3 h
1,2-Benzisothiazolin-3-one	2634-33-5	NOEC	11 mg/l	microorganisms	3 h

#### 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

Data are not available.

#### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

#### 12.7 Other adverse effects

Data are not available.



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### 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 assigned
14.3	Transport hazard class(es)	not assigned
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 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

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.



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### SECTION 15: Regulatory information

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

##### National regulations (United States)

**Toxic Substance Control Act (TSCA)** all ingredients are listed

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

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

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

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

none of the ingredients are listed

##### Clean Air Act

none of the ingredients are listed

##### Right to Know Hazardous Substance List

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

Name of substance	Name acc. to inventory	CAS No	Functional-ity	Authoritative Lists
Water		7732-18-5	solvents	
Alcohols, C6-12, ethoxylated propoxylated		68937-66-6	surfactant	
Alcohols, C10-C16, ethoxylated propoxylated		69227-22-1	surfactant	
Dihydromyrcenol		18479-58-8	fragrance	
Linalyl acetate		115-95-7	fragrance	
Linalool	Linalool	78-70-6	fragrance	EU Fragrance Allergens
Benzyl acetate		140-11-4	fragrance	
Patchouli ethanone		54464-57-2	fragrance	
Coumarin	Coumarin	91-64-5	fragrance	EU Fragrance Allergens
Geraniol	Geraniol	106-24-1	fragrance	EU Fragrance Allergens
(R)-p-mentha-1,8-diene	d-Limonene	5989-27-5	fragrance	EU Fragrance Allergens
Acetyl cedrene		32388-55-9	fragrance	



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Name of substance	Name acc. to inventory	CAS No	Functional-ity	Authoritative Lists
Lauryl/Myristyl Alcohol		67762-41-8	emulsifier	
Octyl/Decyl Alcohol		68603-15-6	emulsifier	
2-Octyl-3(2H)-isothiazolone		26530-20-1	preservative	
Lilial	2-(4-tert-Butylbenzyl) propional-dehyde	80-54-6	fragrance	EU Fragrance Allergens
Rose Oxide		16409-43-1	fragrance	
1,2-Benzisothiazolin-3-one		2634-33-5	preservative	

### - 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
(2-methoxymethylethoxy)pro-panol	Dipropylene glycol methyl ether	34590-94-8	A, O	

#### 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  
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

### - Hazardous Substance List (NJ-RTK)

Name of substance	Name acc. to inventory	CAS No	Remarks	Classifications
Benzyl acetate	benzyl acetate (acetic acid, phenylmethyl ester)	140-11-4		F2
BHT	2,6-di-tert-butyl-p-cresol (phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-)	128-37-0		
(2-methoxymethylethoxy)pro-panol	dipropylene glycol methyl ether	34590-94-8		F2
(R)-p-mentha-1,8-diene	dipentene	138-86-3		F2

#### Legend

F2 Flammable - Second Degree



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

Name of substance	Name acc. to inventory	CAS No	Classification
(2-methoxymethylethoxy)propanol	PROPANOL, (2-METHOXY-METHYLETHOXY)-	34590-94-8	

### - Hazardous Substance List (RI-RTK)

Name of substance	Name acc. to inventory	CAS No	References
BHT	2,6-Ditert. butyl-p-cresol	128-37-0	T
(2-methoxymethylethoxy)propanol	Dipropylene glycol methyl ether	34590-94-8	T

#### Legend

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

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

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
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
Personal protection	-	

#### NFPA® 704

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



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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	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
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	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	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	Australian Inventory of Chemical Substances
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
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





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### 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
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Other hazards	Other hazards: This material is combustible, but will not ignite readily.	yes
2.3		Hazards not otherwise classified: change in the listing (table)	yes
2.3	Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.		yes
3.2		Description of the mixture: 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	Flash point: not determined	Flash point: 75 °C at 1,013 mbar	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
12.7	Other adverse effects	Other adverse effects: Data are not available.	yes
14.1	UN number: not assigned	UN number: not subject to transport regulations	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes



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### 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® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: <a href="http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement">http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement</a>
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
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
ELINCS	European List of Notified Chemical Substances
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
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



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Abbr.	Descriptions of used abbreviations
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LOEC	Lowest Observed Effect Concentration
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
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
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
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
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).



## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

### Armor All FRESHfx SmokeX Midnight Air Pump Spray

Version number: 4.0  
Replaces version of: 2020-10-21 (3)

Revision: 2021-01-08

#### 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.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

#### Disclaimer

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