



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Armor All FRESHfx Car Air Freshener Tranquil Skies Pump Spray

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

Revision: 2020-10-21

SECTION 1: Identification

1.1 Product identifier

Trade name **Armor All FRESHfx Car Air Freshener Tranquil Skies Pump Spray**
Alternative number(s) 070612189615

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 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 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.

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 local/regional/national/international regulations.

2.2.1.7 - Hazardous ingredients for labelling

Amyl cinnamal, 2-octyl-3(2H)-isothiazolone, 1,2-Benzisothiazolin-3-one, Cyclamal

2.3 Other hazards

Hazards not otherwise classified

Contains Cyclamal, Amyl cinnamal, 2-octyl-3(2H)-isothiazolone, 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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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 |  |
| Cyclamal | CAS No 103-95-7 | < 1 | Skin Irrit. 2 / H315 Skin Sens. 1B / H317 |  |
| Amyl cinnamal | CAS No 122-40-7 | < 1 | Skin Sens. 1 / H317 |  |
| 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 |  |
| 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 |  |

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.



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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.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

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



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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.

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.



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- 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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
|---------|----------------------------------|------------|------------|------------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------------|
| US | (2-methoxy-methylethoxy)propanol | 34590-94-8 | TLV® | 100 | | 150 | | | | | ACGIH® 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

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)

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)



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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 ³ | human, inhalatory | worker (industry) | chronic - system-ic effects |
| (2-methoxymethyl-ethoxy)propanol | 34590-94-8 | DNEL | 283 mg/kg bw/day | human, dermal | worker (industry) | chronic - system-ic effects |
| Cyclamal | 103-95-7 | DNEL | 1.67 mg/kg | human, dermal | worker (industry) | chronic - system-ic effects |
| Cyclamal | 103-95-7 | DNEL | 5.83 mg/m ³ | human, inhalatory | worker (industry) | chronic - system-ic effects |
| Amyl cinnamal | 122-40-7 | DNEL | 19.7 mg/m ³ | human, inhalatory | worker (industry) | chronic - system-ic effects |
| Amyl cinnamal | 122-40-7 | DNEL | 5.6 mg/kg bw/day | human, dermal | worker (industry) | chronic - system-ic effects |
| 1,2-Benzisothiazolin-3-one | 2634-33-5 | DNEL | 6.81 mg/m ³ | human, inhalatory | worker (industry) | chronic - system-ic effects |
| 1,2-Benzisothiazolin-3-one | 2634-33-5 | DNEL | 0.966 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 |
|----------------------------------|------------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| (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) |
| Cyclamal | 103-95-7 | PNEC | 1.09 µg/l | aquatic organisms | freshwater | short-term (single instance) |



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| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|-----------------------------|------------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Cyclamal | 103-95-7 | PNEC | 0.11 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 1 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 0.126 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 0.0126 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 33.3 mg/kg | aquatic organisms | water | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 0.0245 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Cyclamal | 103-95-7 | PNEC | 10.92 µg/l | aquatic organisms | water | intermittent release |
| Amyl cinnamal | 122-40-7 | PNEC | 1.69 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| Amyl cinnamal | 122-40-7 | PNEC | 1.69 µg/l | aquatic organisms | marine water | short-term (single instance) |
| Amyl cinnamal | 122-40-7 | PNEC | 0.171 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Amyl cinnamal | 122-40-7 | PNEC | 0.171 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Amyl cinnamal | 122-40-7 | PNEC | 33.2 µg/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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| Relevant PNECs of components of the mixture | | | | | | |
|---|-----------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
| 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 | not determined |
| 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 |
|-----------------------------|------------|-------------------|-----------|
| 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.

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).



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Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

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.



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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)

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

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



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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 | |
| (2-methoxymethylethoxy)pro-panol | | 34590-94-8 | solvents | |
| Alcohols, C10-C16, ethoxylated propoxylated | | 69227-22-1 | surfactant | |
| Hedione | | 24851-98-7 | fragrance | |
| Benzyl acetate | | 140-11-4 | fragrance | |
| Dihydromyrcenol | | 18479-58-8 | fragrance | |
| Linalyl acetate | | 115-95-7 | fragrance | |
| Cyclamal | | 103-95-7 | fragrance | |
| Florosol | | 63500-71-0 | fragrance | |
| Amyl cinnamal | Amyl cinnamal | 122-40-7 | fragrance | EU Fragrance Allergens |
| PEG | | 25322-68-3 | fragrance | |
| Lauryl/Myristyl Alcohol | | 67762-41-8 | emulsifier | |
| Octyl/Decyl Alcohol | | 68603-15-6 | emulsifier | |
| 2-Octyl-3(2H)-isothiazolone | | 26530-20-1 | preservative | |
| Delta-Damascone | | 57378-68-4 | fragrance | |
| 3-(P-methoxyphenyl)-2-methyl-propionaldehyde | | 5462-06-6 | fragrance | |
| (R)-p-mentha-1,8-diene | d-Limonene | 5989-27-5 | fragrance | EU Fragrance Allergens |
| ω-Pentadecalactone | | 106-02-5 | fragrance | |
| 1,2-Benzisothiazolin-3-one | | 2634-33-5 | preservative | |



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- 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)propanol | 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 |
| (2-methoxymethylethoxy)propanol | dipropylene glycol methyl ether | 34590-94-8 | | F2 |

Legend

F2 Flammable - Second Degree

- 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 |
|---------------------------------|---------------------------------|------------|------------|
| (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



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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).

| 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 |



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| Country | Inventory | Status |
|---------|-----------|--------------------------------|
| 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 |

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 |
|---------|-----------------------------|--|-----------------|
| 9.2 | Other information | other information: there is no additional information | yes |
| 9.2 | Solvent content: 97.26 % | | yes |
| 9.2 | Solid content: 0.0614 % | | yes |
| 15.1 | | Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table) | yes |



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| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---------------------------|---|-----------------|
| 15.1 | | Hazardous Substances List (MN-ERTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (NJ-RTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (Chapter 323) (PA-RTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (RI-RTK): change in the listing (table) | yes |

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®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement |
| Acute Tox. | Acute toxicity |
| ATE | Acute Toxicity Estimate |
| Cal/OSHA PEL | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs) |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| DOT | Department of Transportation (USA) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| Flam. Liq. | Flammable liquid |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |



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| Abbr. | Descriptions of used abbreviations |
|----------------|---|
| 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 |
| 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 |
| 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).



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

| Code | Text |
|------|--|
| H227 | Combustible liquid. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| 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.