



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

SECTION 1: Identification

1.1 Product identifier

Trade name **California Scents Ice Fogger**

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.3 | serious eye damage/eye irritation | 2 | Eye Irrit. 2 | H319 |
| A.8D | specific target organ toxicity - single exposure (narcotic effects, drowsiness) | 3 | STOT SE 3 | H336 |
| B.3 | flammable aerosol | 1 | Flam. Aerosol 1 | H222 |
| B.5 | gases under pressure | C | Press. Gas C | H280 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Contains gas under pressure; may explode if heated.

California Scents Ice Fogger

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

Revision: 2020-10-21






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 |
|--|------------------------|-----------|--|---|
| Fluorinated alkane | CAS No trade secret | 25 - < 50 | Flam. Gas 1 / H220 Press. Gas C / H280 |  |
| acetone | CAS No 67-64-1 | 25 - < 50 | Eye Irrit. 2 / H319 STOT SE 3 / H336 Flam. Liq. 2 / H225 |  |
| butane (containing ≥ 0,1 % butadiene (203-450-8)) | CAS No 106-97-8 | 10 - < 25 | Flam. Gas 1 / H220 Press. Gas C / H280 |  |
| propane | CAS No 74-98-6 | 5 - < 10 | sA / OSHA002 Flam. Gas 1 / H220 Press. Gas C / H280 |  |
| isobutane | CAS No 75-28-5 | 5 - < 10 | Flam. Gas 1 / H220 Press. Gas C / H280 |  |

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

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

Following eye contact

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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Contact with the product can cause burns and/or frostbite. Contains gas under pressure; may explode if heated.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

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

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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. Use only in well-ventilated areas.

Advice on general occupational hygiene

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

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Flammability hazards

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

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) | | | | | | | | | | | |
|--|---------------|----------|------------|------------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|--------------|
| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
| US | butane | 106-97-8 | PEL (CA) | 800 | 1,900 | | | | | | Cal/OSHA PEL |
| US | n-butane | 106-97-8 | REL | 800 (10 h) | 1,900 (10 h) | | | | | | NIOSH REL |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
|---------|---------------|----------|------------|--------------|--------------------------|------------|---------------------------|-----------------|--------------------------------|------------------------|------------------|
| US | n-butane | 106-97-8 | TLV® | | | 1,000 | | | | E | AC-GIH® 2019 |
| US | acetone | 67-64-1 | PEL (CA) | 500 | 1,200 | 750 | 1,780 | 3,000 | | | Cal/OSHA PEL |
| US | acetone | 67-64-1 | REL | 250 (10 h) | 590 (10 h) | | | | | | NIOSH REL |
| US | acetone | 67-64-1 | TLV® | 250 | | 500 | | | | | AC-GIH® 2019 |
| US | acetone | 67-64-1 | PEL | 1,000 | 2,400 | | | | | | 29 CFR 1910.1000 |
| US | propane | 74-98-6 | PEL (CA) | 1,000 | 1,800 | | | | | | Cal/OSHA PEL |
| US | propane | 74-98-6 | REL | 1,000 (10 h) | 1,800 (10 h) | | | | | | NIOSH REL |
| US | propane | 74-98-6 | PEL | 1,000 | 1,800 | | | | | | 29 CFR 1910.1000 |
| US | propane | 74-98-6 | TLV® | | | | | | | oxygen, Simple Asp., E | AC-GIH® 2019 |
| US | isobutane | 75-28-5 | REL | 800 (10 h) | 1,900 (10 h) | | | | | | NIOSH REL |
| US | isobutane | 75-28-5 | TLV® | | | 1,000 | | | | E | AC-GIH® 2019 |

Notation

- Ceiling-C ceiling value is a limit value above which exposure should not occur
- E explosive
- oxygen Adequate oxygen delivery to the tissues is necessary for sustaining life
- Simple Asp. simple asphyxiants
- STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

Biological limit values

| Country | Name of agent | Parameter | Notation | Identifier | Value | Source |
|---------|---------------|-----------|----------|------------|---------|-------------|
| US | acetone | acetone | | BEI® | 25 mg/l | ACGIH® 2019 |

Relevant DNELs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|--------------------|--------------|-----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Fluorinated alkane | trade secret | DNEL | 2,713 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| acetone | 67-64-1 | DNEL | 1,210 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| acetone | 67-64-1 | DNEL | 2,420 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| acetone | 67-64-1 | DNEL | 186 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
|--------------------|--------------|-----------|-----------------|-----------------------|---------------------------|------------------------------|
| Fluorinated alkane | trade secret | PNEC | 0.048 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Fluorinated alkane | trade secret | PNEC | 0.019 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Fluorinated alkane | trade secret | PNEC | 0.0048 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Fluorinated alkane | trade secret | PNEC | 0.19 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Fluorinated alkane | trade secret | PNEC | 0.141 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Fluorinated alkane | trade secret | PNEC | 0.48 mg/l | aquatic organisms | water | intermittent release |
| acetone | 67-64-1 | PNEC | 10.6 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 1.06 mg/l | aquatic organisms | marine water | short-term (single instance) |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| Relevant PNECs of components of the mixture | | | | | | |
|---|---------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
| acetone | 67-64-1 | PNEC | 100 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 30.4 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 3.04 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 29.5 mg/kg | terrestrial organisms | soil | short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

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

Respiratory protection

During spraying wear suitable respiratory equipment.

Environmental exposure controls

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| | |
|----------------|-------------------------|
| Physical state | aerosol (spray aerosol) |
| Color | various |
| Odor | characteristic |

Other safety parameters

| | |
|---|---|
| pH (value) | not determined |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | -161.5 °C at 1,013 hPa |
| Flash point | -17 °C |
| Evaporation rate | not determined |
| Flammability (solid, gas) | flammable aerosol in accordance with GHS criteria |

Explosive limits

| | |
|-------------------------------|---------|
| - Lower explosion limit (LEL) | 3 vol% |
| - Upper explosion limit (UEL) | 18 vol% |

| | |
|------------------|---|
| Vapor pressure | 514,624 Pa at 25 °C |
| Density | not determined |
| Vapor density | this information is not available |
| Relative density | information on this property is not available |
| Solubility(ies) | not determined |

Partition coefficient

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



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| | |
|---------------------------|--|
| Auto-ignition temperature | 287 °C (auto-ignition temperature (liquids and gases)) |
| Viscosity | not relevant (aerosol) |
| Explosive properties | none |
| Oxidizing properties | none |

9.2 Other information

| | |
|--|---|
| Propellant content | 65 % |
| Temperature class (USA, acc. to NEC 500) | T2A (maximum permissible surface temperature on the equipment: 280°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). Gas under pressure. Risk of ignition.

If heated:

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

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

Hints to prevent fire or explosion

Protect from sunlight.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

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.

Other information

Repeated exposure may cause skin dryness or cracking.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life.

Aquatic toxicity (acute) of components of the mixture

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|---|--------------|----------|------------|-----------------------|---------------|
| Fluorinated alkane | trade secret | LC50 | 295.8 mg/l | fish | 96 h |
| Fluorinated alkane | trade secret | EC50 | 146.7 mg/l | aquatic invertebrates | 48 h |
| acetone | 67-64-1 | LC50 | 8,120 mg/l | fish | 96 h |
| butane (containing ≥ 0,1 % butadiene (203-450-8)) | 106-97-8 | LC50 | 49.9 mg/l | fish | 96 h |
| butane (containing ≥ 0,1 % butadiene (203-450-8)) | 106-97-8 | EC50 | 19.37 mg/l | algae | 96 h |
| propane | 74-98-6 | LC50 | 49.9 mg/l | fish | 96 h |
| propane | 74-98-6 | EC50 | 19.37 mg/l | algae | 96 h |
| isobutane | 75-28-5 | LC50 | 49.9 mg/l | fish | 96 h |
| isobutane | 75-28-5 | EC50 | 19.37 mg/l | algae | 96 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 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

| | | |
|------|---|---|
| 14.1 | UN number | 1950 |
| 14.2 | UN proper shipping name | Aerosols |
| 14.3 | Transport hazard class(es) | |
| | Class | 2.1 (gases) (aerosol) (flammable) |
| 14.4 | Packing group | not assigned to a packing group |
| 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)

| | |
|--|---------------------------------|
| Index number | 1950 |
| Proper shipping name | Aerosols |
| - Particulars in the shipper's declaration | UN1950, Aerosols, 2.1 |
| - Reportable quantity (RQ) | 15,291 lbs (6,942 kg) (acetone) |
| Class | 2.1 |
| Danger label(s) | 2.1 |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21



| | |
|---|-----------------------------------|
| Special provisions (SP) | N82 |
| ERG No | 126 |
| International Maritime Dangerous Goods Code (IMDG) | |
| UN number | 1950 |
| Proper shipping name | AEROSOLS |
| - Particulars in the shipper's declaration | UN1950, AEROSOLS, 2.1, -17°C c.c. |
| Class | 2.1 |
| Marine pollutant | - |
| Danger label(s) | 2.1 |



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

International Civil Aviation Organization (ICAO-IATA/DGR)

| | |
|--|----------------------------------|
| UN number | 1950 |
| Proper shipping name | Aerosols, flammable |
| - Particulars in the shipper's declaration | UN1950, Aerosols, flammable, 2.1 |
| Class | 2.1 |
| Danger label(s) | 2.1 |



| | |
|--------------------------|------------|
| Special provisions (SP) | A145, A167 |
| Excepted quantities (EQ) | E0 |
| Limited quantities (LQ) | 30 kg |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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)

| Name of substance | CAS No | Remarks | Statutory code | Final RQ pounds (Kg) |
|-------------------|---------|---------|----------------|----------------------|
| acetone | 67-64-1 | | 4 | 5000 (2270) |

Legend

4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

Clean Air Act

| Name of substance | CAS No | Type of registration | Basis for listing | Threshold quantity (lbs) |
|--|----------|----------------------|-------------------|--------------------------|
| Fluorinated alkane | 75-37-6 | Flammable substance | f | 10000 |
| isobutane | 75-28-5 | Flammable substance | f | 10000 |
| propane | 74-98-6 | Flammable substance | f | 10000 |
| butane (containing $\geq 0,1$ % butadiene (203-450-8)) | 106-97-8 | Flammable substance | f | 10000 |

Legend

f Flammable gas.



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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 |
|--|---|--------------|----------------|--|
| Fluorinated alkane | | trade secret | fragrance | |
| Acetone | Acetone | 67-64-1 | diluent | ATSDR Neurotoxicants |
| Butane (containing ≥ 0,1 % butadiene (203-450-8)) | Butane (containing = 0,1 % butadiene (203-450-8)) | 106-97-8 | propellant | EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B |
| Propane | | 74-98-6 | propellant | |
| Isobutane | Isobutane | 75-28-5 | propellant | EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B |
| Dioctyl Adipate | | 123-79-5 | fragrance | |
| Isononyl acetate | | 40379-24-6 | fragrance | |
| Propylene Glycol | | 57-55-6 | diluent | |
| Dihydromyrcenol | | 18479-58-8 | fragrance | |
| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | | 1222-05-5 | fragrance | |
| (Ethoxymethoxy)cyclododecane | | 58567-11-6 | fragrance | |
| 3,7-dimethylnona-1,6-dien-3-ol | | 10339-55-6 | fragrance | |
| Benzyl benzoate | Benzyl benzoate | 120-51-4 | fragrance | EU Fragrance Allergens |

- Toxic or Hazardous Substance List (MA-TURA)

| Name of substance | Name acc. to inventory | CAS No | DEP CODE | PBT / HHS / LHS | PBT / HHS Thres hold | De Minimis Concentration Threshold |
|-------------------|------------------------|---------|----------|-----------------|----------------------|------------------------------------|
| acetone | Acetone | 67-64-1 | | | | 1.0 % |

- Hazardous Substances List (MN-ERTK)

| Name of substance | Name acc. to inventory | CAS No | References | Remarks |
|-------------------|------------------------|---------|------------|---------|
| acetone | Acetone | 67-64-1 | A, N, O | |
| isobutane | Alkanes | | N | |
| propane | Propane | 74-98-6 | A, O | |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| Name of substance | Name acc. to inventory | CAS No | References | Remarks |
|--|---------------------------|--------|------------|---------|
| propane | Alkanes | | N | |
| propane | Gases, Simple Asphyxiants | | A | gases |
| butane (containing $\geq 0,1$ % butadiene (203-450-8)) | Alkanes | | N | |

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
- gases Refers to displacement of air asphyxiation hazard.
- N National Institute for Occupational Safety and Health (NIOSH), "Recommendations for Occupational Safety and Health Standards," August 1988, available from NIOSH, Publications Dissemination Office, Division of Standards Development and Technology Transfer
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

- Hazardous Substance List (NJ-RTK)

| Name of substance | Name acc. to inventory | CAS No | Remarks | Classifications |
|--|---|----------|---------|-----------------|
| Propylene Glycol | 1,2-propylene glycol | 57-55-6 | | |
| acetone | acetone (2-propanone) (dimethyl ketone) | 67-64-1 | | F3 |
| Fluorinated alkane | 1,1-difluoroethane | 75-37-6 | | F4 |
| isobutane | isobutane (propane, 2-methyl-) | 75-28-5 | | F4 |
| propane | propane | 74-98-6 | | F4 |
| butane (containing $\geq 0,1$ % butadiene (203-450-8)) | butane | 106-97-8 | | F4 |

Legend

- F3 Flammable - Third Degree
- F4 Flammable - Fourth Degree

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

| Name of substance | Name acc. to inventory | CAS No | Classification |
|--|------------------------|----------|----------------|
| acetone | 2-PROPANONE | 67-64-1 | E |
| isobutane | PROPANE, 2-METHYL- | 75-28-5 | |
| propane | PROPANE | 74-98-6 | |
| butane (containing $\geq 0,1$ % butadiene (203-450-8)) | BUTANE | 106-97-8 | |

Legend

- E Environmental hazard



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

- Hazardous Substance List (RI-RTK)

| Name of substance | Name acc. to inventory | CAS No | References |
|--|-------------------------|----------|------------|
| Propylene Glycol | propylene glycol | 57-55-6 | F |
| acetone | acetone | 67-64-1 | T, F |
| isobutane | Butane | 106-97-8 | T, F |
| propane | liquefied petroleum gas | 74-98-6 | T |
| butane (containing $\geq 0,1$ % butadiene (203-450-8)) | Butane | 106-97-8 | T, F |

Legend

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

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

none of the ingredients are listed

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 | 4 | material that rapidly or completely vaporizes at atmospheric pressure and normal ambient temperature or that is readily dispersed in air and burn readily |
| 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 | 4 | material that rapidly or completely vaporizes at atmospheric pressure and normal ambient temperature or that is readily dispersed in air and burn readily |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| Category | Degree of hazard | Description |
|----------------|------------------|---|
| Health | 0 | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material |
| 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 | 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 |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

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 | Solvent content: 34.92 % | | yes |
| 9.2 | Solid content: 0.08333 % | | yes |
| 12.1 | | Aquatic toxicity (acute) 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 | | Toxic or Hazardous Substance List (MA-TURA): change in the listing (table) | yes |
| 15.1 | | Hazardous Substances List (MN-ERTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (NJ-RTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (Chapter 323) (PA-RTK): change in the listing (table) | yes |
| 15.1 | | Hazardous Substance List (RI-RTK): change in the listing (table) | yes |

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 |
| Cal/OSHA PEL | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs) |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| Abbr. | Descriptions of used abbreviations |
|----------------|--|
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| DEP CODE | Department of Environmental Protection Code |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| DOT | Department of Transportation (USA) |
| EC50 | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| ERG No | Emergency Response Guidebook - Number |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| Flam. Gas | Flammable gas |
| Flam. Liq. | Flammable liquid |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| HHS | Higher hazard substance |
| 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 |
| LHS | Lower hazard substance |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| NFPA® | National Fire Protection Association (United States) |
| NIOSH REL | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs) |
| NLP | No-Longer Polymer |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

| Abbr. | Descriptions of used abbreviations |
|------------|---|
| OSHA | Occupational Safety and Health Administration (United States) |
| PBT | Persistent, Bioaccumulative and Toxic |
| PEL | Permissible exposure limit |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| Press. Gas | Gas under pressure |
| RTECS | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information) |
| sA | Simple asphyxiants |
| STEL | Short-term exposure limit |
| STOT SE | Specific target organ toxicity - single exposure |
| TLV® | Threshold Limit Values |
| TWA | Time-weighted average |
| vPvB | Very Persistent and very Bioaccumulative |

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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

| Code | Text |
|---------|---|
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapor. |
| H280 | Contains gas under pressure; may explode if heated. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| OSHA002 | May displace oxygen and cause rapid suffocation. |



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

California Scents Ice Fogger

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

Revision: 2020-10-21

Disclaimer

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