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SAFETY DATA SHEET

1. Identification

Product identifier: PACIFIC BREEZE STRESS FREE AIR FRESHENER

Other means of identification

SDS number: RE1000038790

Recommended restrictions

Product Use: Air Freshener **Restrictions on use:** Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: PACIFIC BREEZE PRODUCTS, INC.

Address: P.O. BOX 1663

Woodinville, WA 98072

Telephone: 1-425-485-2112

Fax:

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable aerosol Category 1

Health Hazards

Toxic to reproduction Category 2

Label Elements

Hazard Symbol:



Signal Word: Danger

Hazard Statement: Extremely flammable aerosol.

Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Do not spray on an open flame or other ignition

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source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and

understood. Use personal protective equipment as required.

Response: IF exposed or concerned: Get medical advice/attention.

Storage: Protect from sunlight. Do not expose to temperatures exceeding

50°C/122°F. Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product

characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC):

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Benzenepropanal, 4-(1,1- dimethylethyl)-α-methyl-	80-54-6	0.1 - <1%
Acetic acid, phenylmethyl ester	140-11-4	0.1 - <1%
Ethane, 1,1-difluoro-	75-37-6	15%
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	0 - <0.1%
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	80-56-8	0 - <0.1%
2,6-Octadienal, 3,7-dimethyl-	5392-40-5	0 - <0.1%
Benzene, 1,1'-oxybis-	101-84-8	0 - <0.1%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Ingestion: Rinse mouth thoroughly.

Inhalation: Move to fresh air.

Skin Contact: Remove contaminated clothing and wash the skin thoroughly with soap and

water after work.

Eye contact: Rinse immediately with plenty of water.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

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General Fire Hazards: Use water spray to keep fire-exposed containers cool. Fight fire from a

protected location. Move containers from fire area if you can do so without

risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing

media:

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from

the chemical:

Vapors may travel considerable distance to a source of ignition and flash

back.

Special protective equipment and precautions for firefighters

Special fire fighting

procedures:

No data available.

Special protective equipment

for fire-fighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in

enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep

upwind.

Methods and material for containment and cleaning

up:

Stop the flow of material, if this is without risk. Absorb with sand or other

inert absorbent.

Notification Procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in

immediate area). Stop leak if you can do so without risk.

Environmental Precautions: Avoid release to the environment. Prevent further leakage or spillage if safe

to do so. Do not contaminate water sources or sewer. Environmental

manager must be informed of all major spillages.

7. Handling and storage

Precautions for safe handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not handle until all safety precautions have been read and understood. Obtain special instructions

before use. Use personal protective equipment as required.

Conditions for safe storage,

including any incompatibilities:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store

locked up. Aerosol Level 1

8. Exposure controls/personal protection

Control Parameters

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ccupational Exposure L	-imits		
Chemical Identity	Туре	Exposure Limit Values	Source
Acetic acid, phenylmethyl ester	TWA	10 ppm	US. ACGIH Threshold Limit Values (2008)
	TWA PEL	10 ppm 61 mg/m3	Section 5155. Airborne Contaminants (09 2006)
	ST ESL	100 ppb	Commission on Environmental Quality) (11 2016)
	AN ESL	10 ppb	Commission on Environmental Quality) (11 2016)
	ST ESL	610 μg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	61 µg/m3	Commission on Environmental Quality) (11 2016)
Phenol, 2,6-bis(1,1- dimethylethyl)-4-methyl-	TWA	10 mg/m3	(1989)
, , , ,	TWA	10 mg/m3	Limits, Table Z1A (06 2008)
Phenol, 2,6-bis(1,1- dimethylethyl)-4-methyl Inhalable fraction and vapor.	TWA	2 mg/m3	
Phenol, 2,6-bis(1,1- dimethylethyl)-4-methyl-	REL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
amountoury) - moury	TWA PEL	10 mg/m3	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	TWA	20 ppm	US. ACGIH Threshold Limit Values (2008)
2,0,0 000	ST ESL	3,500 µg/m3	B US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	ST ESL	630 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	63 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	350 µg/m3	B US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor.	TWA	5 ppm	US. ACGIH Threshold Limit Values (01 2010)
2,6-Octadienal, 3,7-dimethyl-	ST ESL	50 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	ST ESL	310 µg/m3	B US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	31 μg/m3	
	AN ESL	5 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
Benzene, 1,1'-oxybis Vapor.	STEL	2 ppm	US. ACGIH Threshold Limit Values (03 2018)
	TWA	1 ppm	US. ACGIH Threshold Limit Values (03 2018)
	PEL	1 ppm 7 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA PEL	1 ppm 7 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)
	REL	1 ppm 7 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	TWA	1 ppm 7 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

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Benzene, 1,1'-oxybis-	ST ESL	70 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	7 μg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
Benzene, 1,1'-oxybis Vapor.	TWA	1 ppm 7 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Benzene, 1,1'-oxybis-	ST ESL	10 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	1 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)

Appropriate Engineering

No data available.

Controls

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required. Personal protection

> equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection: Wear goggles/face shield.

Skin Protection

Hand Protection: No data available.

No data available. Other:

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from

local supervisor.

Hygiene measures: When using do not smoke. Observe good industrial hygiene practices. Do

not handle until all safety precautions have been read and understood.

Obtain special instructions before use.

9. Physical and chemical properties

Appearance

Physical state: liquid

Form: Spray Aerosol Color: No data available. Odor: No data available. **Odor threshold:** No data available. :Ha No data available. Melting point/freezing point: No data available. Initial boiling point and boiling range: No data available.

Flash Point: -50 °C

No data available. **Evaporation rate:** No data available. Flammability (solid, gas):

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available. Flammability limit - lower (%): No data available. Explosive limit - upper (%): No data available. Explosive limit - lower (%): No data available. Vapor pressure: No data available.

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Vapor density:No data available.Density:No data available.Relative density:No data available.

Solubility(ies)

Solubility in water:

Solubility (other):

No data available.

No data available.

No data available.

No data available.

Auto-ignition temperature:No data available.Decomposition temperature:No data available.Viscosity:No data available.

10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous

reactions:

No data available.

Conditions to avoid: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition

Products:

No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Specified substance(s):

Benzenepropanal, 4-(1,1-dimethylethyl)-α-methyl-

LD 50 (Rat): 1,390 mg/kg

Acetic acid, phenylmethyl

ester

LD 50 (Rat): > 2,000 mg/kg LD 50 (Mouse): > 2,000 mg/kg

LD 50 (Rat): 2,490 mg/kg

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

LD 50 (Rat): > 6,000 mg/kg

Bicyclo[3.1.1]hept-2-ene,

2,6,6-trimethyl-

LD 50 (Rat): 3,700 mg/kg

2,6-Octadienal, 3,7-

dimethyl-

LD 50 (Rat): 6,800 mg/kg

Benzene, 1,1'-oxybis- LD 50

LD 50 (Rat): 2.83 g/kg

Dermal

Product: Not classified for acute toxicity based on available data.

Specified substance(s):

Benzenepropanal, 4-(1,1-dimethylethyl)- α -methyl-

LD 50 (Rat): > 2,000 mg/kg

Acetic acid, phenylmethyl

ester

LD 50 (Rabbit): > 5 g/kg

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

LD 50 (Rat): > 2,000 mg/kg

Bicyclo[3.1.1]hept-2-ene,

2,6,6-trimethyl-

LD 50 (Rabbit): > 2,000 mg/kg

2,6-Octadienal, 3,7-

dimethyl-

LD 50 (Rat): > 2,000 mg/kg

Benzene, 1,1'-oxybis- LD 50

LD 50 (Rabbit): > 7,940 mg/kg

Inhalation

Product: Not classified for acute toxicity based on available data.

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Specified substance(s):

Acetic acid, phenylmethyl

LC Lo (Rat): > 0.766 mg/l

ester

Phenol. 2.6-bis(1.1-LC 50: > 5 mg/ldimethylethyl)-4-methyl-LC 50: > 20 mg/l

Bicyclo[3.1.1]hept-2-ene,

LC 50: > 5 mg/l

2,6,6-trimethyl-

LC 50: > 20 mg/l

Benzene, 1,1'-oxybis-LC 50: > 20 mg/l

Repeated dose toxicity

Product: No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-NOAEL (Rat(Female, Male), Oral, 30 d): 5 mg/kg Oral Other, Key study dimethylethyl)-α-methyl-NOAEL (Rat(Female, Male), Oral, 90 d): 25 mg/kg Oral Experimental result,

Key study

NOAEL (Rat(Male), Dermal, 5 d): 1.000 mg/kg Dermal Other, Key study NOAEL (Rat(Female, Male), Oral, 30 d): 25 mg/kg Oral Other, Key study NOAEL (Rat(Male), Oral, 13 Weeks): 900 mg/kg Oral Experimental result,

Acetic acid, phenylmethyl

ester

Supporting study NOAEL (Rat(Female), Oral, 13 Weeks): 480 mg/kg Oral Experimental result,

NOAEL (Rat(Male), Oral, 1.25 - 22.75 Months): 25 mg/kg Oral Experimental

Supporting study

NOAEL (Rat(Female, Male), Inhalation, 104 Weeks): 2.5 %(m) Inhalation Ethane, 1,1-difluoro-

Experimental result, Key study

Phenol, 2,6-bis(1,1dimethylethyl)-4-methyl-Bicyclo[3.1.1]hept-2-ene,

result. Kev study NOAEL (Mouse(Female, Male), Inhalation, 14 Weeks): 50 ppm(m)

2,6,6-trimethyl-Inhalation Experimental result, Key study

2,6-Octadienal, 3,7-

dimethyl-

LOAEL (Rat(Female, Male), Oral, 104 - 105 Weeks): 210 mg/kg Oral

Experimental result, Key study

LOAEL (Rat(Female), Oral, 14 Weeks): 335 mg/kg Oral Experimental result,

Key study

NOAEL (Rat(Female, Male), Dermal, 13 Weeks): 100 mg/kg Dermal Benzene, 1,1'-oxybis-

Experimental result, Key study

NOAEL (Rat(Male), Oral, 13 Weeks); 301 mg/kg Oral Experimental result.

Key study

Skin Corrosion/Irritation

Product: No data available.

Specified substance(s):

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Benzenepropanal, 4-(1,1-dimethylethyl)-αmethylin vivo (Rabbit): Irritating Experimental result, Key study

Acetic acid. in vivo (Rabbit): Not irritant Experimental result, Key study

phenylmethyl ester

Phenol, 2,6-bis(1,1in vivo (Rabbit): Not irritant Experimental result, Key study

dimethylethyl)-4-

methyl-

Bicyclo[3.1.1]hept-2-In vitro (Human): Irritating Experimental result, Key study ene, 2,6,6-trimethyl-

Benzene, 1,1'-oxybisin vivo (Rabbit): Not irritant Experimental result, Key study

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s):

Phenol. 2.6-bis(1.1-

dimethylethyl)-4-

methyl-

Rabbit, 24 - 72 hrs: Not irritating

Bicyclo[3.1.1]hept-2-

ene, 2,6,6-trimethyl-

Rabbit, 24 - 72 hrs: Not irritating

Benzene, 1,1'-oxybis-

Rabbit, 48 - 72 hrs: Irritating.

Respiratory or Skin Sensitization

Product: No data available.

Specified substance(s):

Benzenepropanal, 4-Skin sensitization:, in vivo (Guinea pig): Sensitising

(1,1-dimethylethyl)-α-

methyl-

Acetic acid. Skin sensitization:, in vivo (Guinea pig): Sensitising

phenylmethyl ester

Phenol, 2,6-bis(1,1-Skin sensitization:, in vivo (Human): Non sensitising dimethylethyl)-4-Skin sensitization:, in vivo (Guinea pig): Non sensitising

methyl-

Bicyclo[3.1.1]hept-2-Skin sensitization:, in vivo (Guinea pig): Sensitising

ene, 2,6,6-trimethyl-Benzene, 1,1'-oxybis-

Skin sensitization:, in vivo (Guinea pig): Non sensitising Skin sensitization:, in vivo (Human): Non sensitising

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

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Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-Suspected of damaging fertility or the unborn child.

dimethylethyl)-α-methyl-

Specific Target Organ Toxicity - Single Exposure Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s):

Bicyclo[3.1.1]hept-2-ene, May be fatal if swallowed and enters airways.

2,6,6-trimethyl-

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-NOAEL (Danio rerio, 96 h): 1.28 mg/l Experimental result, Key study dimethylethyl)- α -methyl-EC 50 (Danio rerio, 96 h): 2.04 mg/l Experimental result, Key study

Acetic acid, phenylmethyl LC 50 (Medaka, high-eyes (Oryzias latipes), 96 h): 3.48 - 4.6 mg/l Mortality

LC 50 (Oryzias latipes, 96 h): 4 mg/l Other, Key study ester

Phenol. 2.6-bis(1.1-LC 50 (Pimephales promelas, 96 h): 0.363 mg/l dimethylethyl)-4-methyl-

EC 50 (Pimephales promelas, 96 h): 179 µg/l Read-across from supporting Bicyclo[3.1.1]hept-2-ene,

substance (structural analogue or surrogate), Supporting study 2,6,6-trimethyl-

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2,6-Octadienal, 3,7-

dimethyl-

LC 50 (Leuciscus idus, 96 h): 6.78 mg/l Experimental result, Key study

Benzene, 1,1'-oxybis- LC 50 (Oncorhynchus mykiss, 96 h): 4.2 mg/l Experimental result, Key study

Aquatic Invertebrates

Product:

No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-dimethylethyl)-α-methyl-

EC 50 (Daphnia magna, 48 h): 9.84 mg/l Experimental result, Key study

Acetic acid, phenylmethyl

ester

EC 50 (Daphnia magna, 24 h): 25 mg/l Experimental result, Key study EC 50 (Daphnia magna, 48 h): 17 mg/l Experimental result, Key study NOAEL (Daphnia magna, 48 h): 10 mg/l Experimental result, Key study

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

EC 50 (Daphnia magna, 48 h): 0.61 mg/l Experimental result, Key study NOAEL (Daphnia magna, 48 h): 0.15 mg/l Experimental result, Key study

Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-

LC 50 (Water flea (Daphnia magna), 48 h): 27 - 62 mg/l Mortality

2,6-Octadienal, 3,7-

dimethyl-

EC 50 (Daphnia magna, 48 h): 6.8 mg/l Experimental result, Key study

Benzene, 1,1'-oxybis-

LC 50 (Daphnia magna, 48 h): 1.7 mg/l Experimental result, Key study NOAEL (Daphnia magna, 48 h): 1 mg/l Experimental result, Key study

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product:

No data available.

Specified substance(s):

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

NOAEL (Daphnia magna): 0.316 mg/l Experimental result, Key study

Toxicity to Aquatic Plants

Product:

No data available.

Persistence and Degradability

Biodegradation

Product:

No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-dimethylethyl)-α-methyl-

80.7~%~(28~d) Detected in water. Experimental result, Key study

Acetic acid, phenylmethyl

100 % (28 d) Detected in water. Experimental result, Key study

ester

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

4.5 % (28 d) Detected in water. Experimental result, Key study

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Bicyclo[3.1.1]hept-2-ene,

2,6,6-trimethyl-

90 - 95 % (28 d) Detected in water. Experimental result, Supporting study

2,6-Octadienal, 3,7-

dimethyl-

85 - 95 % (28 d) Detected in water. Experimental result, Key study

Benzene, 1,1'-oxybis- 76 % Detected in water. Experimental result, Key study

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Specified substance(s):

Benzenepropanal, 4-(1,1-dimethylethyl)-α-methyl-

Bioconcentration Factor (BCF): 274.3 Aquatic sediment Estimated by

calculation, Key study

Acetic acid, phenylmethyl

ester

Bioconcentration Factor (BCF): 8 Aquatic sediment Estimated by calculation,

Key study

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

Cyprinus carpio, Bioconcentration Factor (BCF): 330 - 1,800 Aquatic

sediment Experimental result, Key study

Bicyclo[3.1.1]hept-2-ene,

2,6,6-trimethyl-

Bioconcentration Factor (BCF): 1,845 Aquatic sediment QSAR, Key study

2,6-Octadienal, 3,7-

dimethyl-

Bioconcentration Factor (BCF): 89.72 Aquatic sediment Estimated by

calculation, Key study

Benzene, 1,1'-oxybis- Oncorhynchus mykiss, Bioconcentration Factor (BCF): 200 Aquatic sediment

Experimental result, Key study

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):

Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-

Log Kow: 5.11 - 5.2 No Experimental result, Weight of Evidence study

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Benzenepropanal, 4-(1,1-

dimethylethyl)-α-methyl-

No data available.

Acetic acid, phenylmethyl No data available.

ester

Ethane, 1,1-difluoroPhenol, 2,6-bis(1,1
No data available.

No data available.

dimethylethyl)-4-methyl-

Bicyclo[3.1.1]hept-2-ene,

No data available.

2,6,6-trimethyl-

2,6-Octadienal, 3,7-

No data available.

dimethyl-

Benzene, 1,1'-oxybis- No data available.

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Other adverse effects: No data available.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local

laws.

Contaminated Packaging: No data available.

14. Transport information

DOT

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2.1
Label(s): Packing Group: II
Marine Pollutant: No

Environmental Hazards: No Marine Pollutant No

Special precautions for user: Not regulated.

IMDG

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2 Label(s): – EmS No.:

Packing Group: -

Environmental Hazards: No Marine Pollutant No

Special precautions for user: Not regulated.

IATA

UN Number: UN 1950

Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es):

Class: 2.1
Label(s): –

Packing Group: –

Environmental Hazards: No Marine Pollutant No

Special precautions for user: Not regulated.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

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US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

<u>Chemical Identity</u> <u>Reportable quantity</u>

Bicyclo[3.1.1]hept-2-ene, lbs. 100

2,6,6-trimethyl-

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Fire Hazard

Delayed (Chronic) Health Hazard

Flammable aerosol

Toxic to reproduction

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

Chemical Identity Reportable quantity

Bicyclo[3.1.1]hept-2-ene, lbs. 100

2,6,6-trimethyl-

SARA 311/312 Hazardous Chemical

Chemical Identity Threshold Planning Quantity

Benzenepropanal, 4-(1,1- 10000 lbs

dimethylethyl)-α-methyl-

Acetic acid, phenylmethyl 10000 lbs

ester

Phenol, 2,6-bis(1,1- 10000 lbs

dimethylethyl)-4-methyl-

Bicyclo[3.1.1]hept-2-ene, 10000 lbs

2,6,6-trimethyl-

2,6-Octadienal, 3,7- 10000 lbs

dimethyl-

Benzene, 1,1'-oxybis- 10000 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity

Ethane, 1,1-difluoro-1,2-Propanediol

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

1,2-Propanediol

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US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Ethane, 1,1-difluoro- Group I Annex F

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Inventory	Status:
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Australia AICS: On or in compliance with the inventory

Canada DSL Inventory List: Not in compliance with the inventory.

EINECS, ELINCS or NLP: Not in compliance with the inventory.

Japan (ENCS) List: Not in compliance with the inventory.

China Inv. Existing Chemical Substances: Not in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI): Not in compliance with the inventory.

Canada NDSL Inventory: Not in compliance with the inventory.

Philippines PICCS: On or in compliance with the inventory

US TSCA Inventory: On or in compliance with the inventory

New Zealand Inventory of Chemicals:

On or in compliance with the inventory

Japan ISHL Listing: Not in compliance with the inventory.

Japan Pharmacopoeia Listing: Not in compliance with the inventory.

Mexico INSQ: Not in compliance with the inventory.

Ontario Inventory: Not in compliance with the inventory.

Taiwan Chemical Substance Inventory:

On or in compliance with the inventory

Revision Date: 04/22/2019

16.Other information, including date of preparation or last revision

Issue Date: 04/22/2019

Revision Information: No data available.

Version #: 1.1

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to

be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.