

SAFETY DATA SHEET

SCOTT® Continuous Air Freshener Refill - Summer Fresh

KIM12370

Version 1.0	Revision Date: 02-16-2017	MSDS Number: 100000003300	Date of last issue: - Date of first issue: 02-16-2017
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SECTION 1. IDENTIFICATION

Product name : SCOTT® Continuous Air Freshener Refill - Summer Fresh

Product code : 12370

Manufacturer or supplier's details

Company : Kimberly-Clark Corporation
1400 Holcomb Bridge Road
Roswell
30076-2199
USA

Telephone : 1-888-346-6452

Emergency telephone number : 1-877-561-6587

E-mail address Responsible/issuing person : sdscontact@kcc.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P280 Wear protective gloves.

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Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 100 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
2,6-dimethylheptan-2-ol	13254-34-7	$\geq 1 - \leq 10$
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	$\geq 1 - < 10$
Limonene	5989-27-5	$\geq 1 - < 10$
2-phenylethanol	60-12-8	$\geq 1 - < 10$
allyl hexanoate	123-68-2	$\geq 1 - < 10$
allyl 3-cyclohexylpropionate	2705-87-5	$\geq 1 - < 10$
allyl (3-methylbutoxy)acetate	67634-00-8	$\geq 1 - \leq 10$
Linalool	78-70-6	$\geq 1 - \leq 10$
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4	$\geq 0.1 - \leq 1$
7-methyl-3-methyleneocta-1,6-diene	123-35-3	$\geq \leq 0.1$
pin-2(10)-ene	127-91-3	$\geq \leq 0.1$
pin-2(3)-ene	80-56-8	$\geq \leq 0.1$
caryophyllene	87-44-5	$\geq \leq 0.1$
gamma-Terpinene	99-85-4	$\geq \leq 0.1$
p-cymene	p-Methylcumene	$\geq \leq 0.1$
p-mentha-1,4(8)-diene	586-62-9	$\geq \leq 0.1$

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air in case of accidental inhalation of vapours.
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and plenty of water.
Wash contaminated clothing before re-use.
If symptoms persist, call a physician.

In case of eye contact : In case of eye contact, remove contact lens and rinse imme-

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diately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed	:	Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	:	No information available. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Notes to physician	:	No information available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	:	Do NOT use water jet.
Specific hazards during fire-fighting	:	Highly flammable liquid and vapour.
Hazardous combustion products	:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). No hazardous combustion products are known
Further information	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions	:	Prevent product from entering drains.
Methods and materials for containment and cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	For personal protection see section 8.

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No special handling advice required.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

Materials to avoid : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Hazardous components without workplace control parameters

Components	CAS-No.
2,6-dimethylheptan-2-ol	13254-34-7
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6
2-phenylethanol	60-12-8
allyl hexanoate	123-68-2
allyl 3-cyclohexylpropionate	2705-87-5
allyl (3-methylbutoxy)acetate	67634-00-8

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

No personal respiratory protective equipment normally required.

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Not required under normal use.

Skin and body protection : not required under normal use

Protective measures : No special protective equipment required.

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless
clear

Odour : pleasant

Flash point : 68 °C

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Relative density : 0.929 - 0.933

SECTION 10. STABILITY AND REACTIVITY

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

Limonene:

Acute oral toxicity : LD50 Oral (Rat, female): > 2,000 mg/kg
Method: OECD Test Guideline 423
GLP: yes

2-phenylethanol:

Acute oral toxicity : LD50 Oral (Rat, male and female): 1,603 mg/kg

allyl hexanoate:

Acute oral toxicity : LD50 Oral (Rat, male and female): 280 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit): 820 mg/kg
Method: OECD Test Guideline 402
GLP: no

allyl 3-cyclohexylpropionate:

Acute oral toxicity : LD50 Oral (Rat, male and female): 380 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute inhalation toxicity : Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 Dermal (Rabbit): 1,600 mg/kg
Method: OECD Test Guideline 402
GLP: no

Linalool:

Acute oral toxicity : LD50 Oral (Mouse, male and female): 3,500 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute inhalation toxicity : LC50 (Mouse, male and female): 3.2 mg/l
Method: No information available.
GLP: no

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Acute dermal toxicity : LD50 Dermal (Albino rabbit): 5,610 mg/kg
Method: OECD Test Guideline 402
GLP: no

pin-2(10)-ene:

Acute oral toxicity : LD50 Oral (Rat): 5,000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

gamma-Terpinene:

Acute oral toxicity : LD50 Oral (Rat, male and female): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.42 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 2,500 mg/kg
Remarks: No significant adverse effects were reported

p-cymene:

Acute oral toxicity : LD50 Oral (Rat): 4,750 mg/kg

p-mentha-1,4(8)-diene:

Acute oral toxicity : LD50 Oral (Rat): 3,740 mg/kg
Method: OECD Test Guideline 401
GLP: No information available.

Acute dermal toxicity : LD50 Dermal (Rabbit): > 4,300 mg/kg
Method: OECD Test Guideline 402
GLP: no

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: Moderate skin irritation

Components:

2,6-dimethylheptan-2-ol:

Assessment: Irritating to skin.

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Assessment: Irritating to skin.

Limonene:

Species: Rabbit

Method: OECD Test Guideline 404

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Result: No skin irritation
GLP: yes

2-phenylethanol:

Species: Rabbit
Exposure time: 4 h
Assessment: No skin irritation
Result: No skin irritation
GLP: yes

allyl hexanoate:

Species: reconstructed human epidermis (RhE)
Method: EPISKIN Human Skin Model Test
Result: No skin irritation
GLP: yes

allyl 3-cyclohexylpropionate:

Species: reconstructed human epidermis (RhE)
Method: OECD Test Guideline 439
Result: No skin irritation
GLP: yes

Linalool:

Species: Rabbit
Method: OECD Test Guideline 404
Result: Skin irritation
GLP: yes

pin-2(3)-ene:

Species: human keratinocytes
Method: No information available.
Result: Skin irritation
GLP: yes

gamma-Terpinene:

Result: No skin irritation

p-cymene:

Result: Skin irritation

p-mentha-1,4(8)-diene:

Species: human skin
Method: OECD Test Guideline 439
Result: No skin irritation
GLP: yes

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Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Components:

2,6-dimethylheptan-2-ol:

Assessment: Irritating to eyes.

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Assessment: Irritating to eyes.

Limonene:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

2-phenylethanol:

Species: Rabbit

Result: Eye irritation

allyl hexanoate:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

allyl 3-cyclohexylpropionate:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

Linalool:

Species: Rabbit

Result: Eye irritation

Method: OECD Test Guideline 405

GLP: no

gamma-Terpinene:

Result: No eye irritation

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p-cymene:

Result: Eye irritation

p-mentha-1,4(8)-diene:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Components:

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Assessment: The product is a skin sensitizer, sub-category 1B.

Limonene:

Species: Mouse

Method: OECD Test Guideline 429

Result: The product is a skin sensitizer, sub-category 1B.

GLP: yes

2-phenylethanol:

Species: Mouse

Result: Does not cause skin sensitisation.

GLP: yes

allyl hexanoate:

Test Type: Maximisation Test

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitisation on laboratory animals.

GLP: yes

allyl 3-cyclohexylpropionate:

Test Type: Maximisation Test

Species: Guinea pig

Method: OECD Test Guideline 406

Result: The product is a skin sensitizer, sub-category 1B.

GLP: yes

Linalool:

Species: Mouse

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Assessment: Does not cause skin sensitisation.
Method: No information available.
Result: Did not cause sensitisation on laboratory animals.
GLP: no

pin-2(3)-ene:

Species: Mouse
Method: OECD Test Guideline 429
Result: Causes sensitisation.
GLP: yes

p-mentha-1,4(8)-diene:

Species: Mouse
Method: OECD Test Guideline 429
Result: Causes sensitisation.
GLP: yes

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:

Limonene:

May be fatal if swallowed and enters airways.

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pin-2(3)-ene:

May be fatal if swallowed and enters airways.

p-cymene:

May be fatal if swallowed and enters airways.

p-mentha-1,4(8)-diene:

May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: No information available.

Toxicity to daphnia and other :
aquatic invertebrates Remarks: No information available.

Toxicity to algae :
Remarks: No information available.

Components:

2,4-dimethylcyclohex-3-ene-1-carbaldehyde:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Limonene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.720 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 0.36 mg/l
aquatic invertebrates Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 8 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes

2-phenylethanol:

Toxicity to fish : LC50: > 215 mg/l
Exposure time: 96 h

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NOEC: 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 287.17 mg/l
Exposure time: 48 h

Toxicity to algae : EC50: 1,300 mg/l
Exposure time: 72 h

allyl hexanoate:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.117 mg/l
Exposure time: 96 h
Test Type: semi-static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 4.6 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

allyl 3-cyclohexylpropionate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.13 mg/l
Exposure time: 96 h
Test Type: flow-through test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.8 mg/l
Exposure time: 48 h
Test Type: flow-through test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 3 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

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Linalool:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 27.8 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 59 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 88.3 mg/l
Exposure time: 96 h
Test Type: static test
Method: see user defined free text
GLP: no

pin-2(10)-ene:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 0.557 mg/l
Exposure time: 96 h

pin-2(3)-ene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.280 mg/l
Exposure time: 96 h
Test Type: flow-through test
Method: OECD Test Guideline 203
GLP: No information available.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.440 mg/l
Exposure time: 48 h
Test Type: flow-through test
Method: OECD Test Guideline 202
GLP: No information available.

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

gamma-Terpinene:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l

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Exposure time: 72 h

p-mentha-1,4(8)-diene:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.805 mg/l
Exposure time: 96 h
Test Type: semi-static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 0.634 mg/l
aquatic invertebrates
Exposure time: 48 h
Test Type: semi-static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 0.692
mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

Persistence and degradability

Product:

Biodegradability : Remarks: No information available.

Components:

Linalool:

Biodegradability : Result: Readily biodegradable

pin-2(3)-ene:

Biodegradability : Result: Readily biodegradable

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Does not bioaccumulate.

Components:

Limonene:

Partition coefficient: n- : log Pow: 4.38
octanol/water

2-phenylethanol:

Partition coefficient: n- : log Pow: 1.38
octanol/water

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allyl hexanoate:

Partition coefficient: n-octanol/water : log Pow: 3.191

allyl 3-cyclohexylpropionate:

Partition coefficient: n-octanol/water : log Pow: 4.28

7-methyl-3-methylenoocta-1,6-diene:

Partition coefficient: n-octanol/water : Remarks: No information available.

pin-2(10)-ene:

Partition coefficient: n-octanol/water : log Pow: 4.425

pin-2(3)-ene:

Partition coefficient: n-octanol/water : log Pow: 4.487

gamma-Terpinene:

Partition coefficient: n-octanol/water : log Pow: 1.4 (23 °C)

p-mentha-1,4(8)-diene:

Partition coefficient: n-octanol/water : log Pow: 4.29

Mobility in soil

Product:

Mobility : Remarks: No information available.

Other adverse effects

Product:

Results of PBT and vPvB assessment : Remarks: Based on available data, the classification criteria are not met.

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

UN number : UN 1169
Proper shipping name : EXTRACTS, AROMATIC, LIQUID
Class : 3
Packing group : III
Labels : 3

IATA-DGR

Not permitted for transport

IMDG-Code

Not permitted for transport

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number : UN 1169
Proper shipping name : EXTRACTS, AROMATIC, LIQUID

Class : 3
Packing group : III
Labels : FLAMMABLE LIQUID
ERG Code : 127
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
	123-92-2	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

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SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489):

isopentyl acetate	123-92-2	1 %
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Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

isopentyl acetate	123-92-2	1 %
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This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

Dipropylene glycol methyl ether	34590-94-8	90 - 100 %
isopentyl acetate	123-92-2	1 - 5 %

Pennsylvania Right To Know

Dipropylene glycol methyl ether	34590-94-8	90 - 100 %
hexyl acetate	142-92-7	20 - 30 %
2,6-dimethylheptan-2-ol	13254-34-7	10 - 20 %
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	10 - 20 %
benzyl acetate	140-11-4	10 - 20 %
allyl hexanoate	123-68-2	5 - 10 %
cis-hex-3-en-1-ol	928-96-1	5 - 10 %
(Z)-hex-3-enyl acetate	3681-71-8	5 - 10 %
1-phenylethyl acetate	93-92-5	5 - 10 %
Linalool	78-70-6	5 - 10 %
2-phenylethanol	60-12-8	5 - 10 %
allyl 3-cyclohexylpropionate	2705-87-5	5 - 10 %
orange oil	8008-57-9	5 - 10 %
undecan-4-olide	104-67-6	5 - 10 %
isopentyl acetate	123-92-2	1 - 5 %

New Jersey Right To Know

Dipropylene glycol methyl ether	34590-94-8	90 - 100 %
hexyl acetate	142-92-7	20 - 30 %
2,6-dimethylheptan-2-ol	13254-34-7	10 - 20 %

SAFETY DATA SHEET

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2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	10 - 20 %
benzyl acetate	140-11-4	10 - 20 %
isopentyl acetate	123-92-2	1 - 5 %

The components of this product are reported in the following inventories:

DSL	All components of this product are on the Canadian DSL
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	Not in compliance with the inventory 2,4-dimethylcyclohex-3-ene-1-carbaldehyde orange oil ETHYL PHENETHYL ACETAL 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one 2,6-dimethylhept-5-enal allyl (3-methylbutoxy)acetate
ISHL	Not in compliance with the inventory orange oil ETHYL PHENETHYL ACETAL 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Indus-

SAFETY DATA SHEET

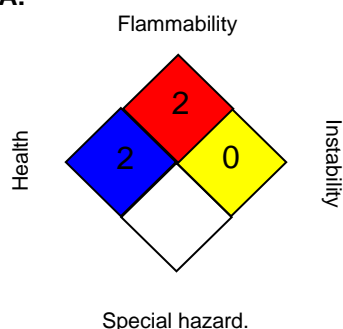
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trial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 02-16-2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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