



# Safety Data Sheet

Revision Date: 16/09/2014

## SECTION 1: Identification of the mixture and of the company

### 1.1. Product Identifier

**Trade code:**

HK135882

**Trade name:**

TROPICAL BREEZE EVA AF

### 1.2. Relevant identified uses Of the substance Or mixture And uses advised against

Concentrated fragrance for manufacturing purposes only.

Not for personal use in this form or concentration.

### 1.3. Details of the supplier of the safety data sheet

CPL Aromas (Far East) Limited

3 Hong Yip Street

Yuen Long N.T.

+852 3719 5195

sds@cplaromas.com

### 1.4. Emergency telephone number

+852 3719 5195 - 9am to 6pm GMT+8

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

#### Classification of the substance or mixture according to EC1272/2008

Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin sensitizer, category 1B	H317-1B	May cause an allergic skin reaction
Eye Irritation, category 2	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, Chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

#### Classification of the substance or mixture according to Directive 67/548/EEC; 1999/45/EC

Irritant	R43	May cause sensitization by skin contact.
Dangerous For The Environment	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Harmful	R65	Harmful: may cause lung damage if swallowed.
Miscellaneous - No Symbol	R66	Repeated exposure may cause skin dryness or cracking

### 2.2. Label elements

#### Label elements according to EC 1272/2008

**Signal Word:** Danger

**Pictograms:**



#### Hazard Statements:

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

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H317-1B	May cause an allergic skin reaction
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P331	Do NOT induce vomiting.
P391	Collect spillage.

**Hazardous components which must be listed on the label:**

64742-47-8	Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics
5989-27-5	4-Isopropenyl-1-methylcyclohexene
80-54-6	3-(4-tert-Butylphenyl)-2-methylpropanal
128-51-8	2-(6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethyl acetate

**2.3. Other hazards**

None reasonably foreseeable

**SECTION 3: Composition/information on ingredients****Description of the mixture:**

A multi-component mixture of natural and/or synthetic aroma materials.

<b>Conc. %</b>	<b>Description</b>	<b>CAS</b>	<b>EINECS</b>	<b>Classification 67/548/EEC</b>	<b>Classification EC1272/2008</b>
25-50	Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	64742-47-8	927-676-8	Xn R65,R66	H304
10-25	Phenylmethanol	100-51-6	202-859-9	Xn R20/22,R36	H302, H319, H332
2.5-10	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	214-946-9	N R50/53	H400, H410
2.5-10	Benzyl acetate	140-11-4	205-399-7	R52/53	H412
2.5-10	4-Isopropenyl-1-methylcyclohexene	5989-27-5	227-813-5	Xi, N R10,R38,R43,R50/53	H226, H304, H315, H317, H410
2.5-10	3-(4-tert-Butylphenyl)-2-methylpropanal	80-54-6	201-289-8	Xn, N R22,R38,R43,R51/53,R 62	H302, H315, H317, H361, H411
2.5-10	2-tert-Butylcyclohexyl acetate	88-41-5	201-828-7	N R51/53	H411
2.5-10	2-(6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethyl acetate	128-51-8	204-891-9	Xi, N R36,R43,R51/53	H317, H319, H411
2.5-10	1-(3-Methoxypropoxy)propan-1-ol	34590-94-8	252-104-2		
1.0-2.5	Benzyl salicylate	118-58-1	204-262-9	N, Xi R43,R51/53	H317, H412
1.0-2.5	2-Benzylideneheptanal	122-40-7	204-541-5	N, Xi R43,R51/53	H317, H411
1.0-2.5	3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one	127-51-5	204-846-3	Xi, N R36/38,R43,R51/53	H315, H317, H411
1.0-2.5	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	Xi R38	H315, H319
1.0-2.5	5-heptyloxolan-2-one	104-67-6	203-225-4	N R51/53	H411
1.0-2.5	3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6	233-732-6	Xi R38	H315, H319
1.0-2.5	1-Ethyl-1,5-dimethylhexyl acetate	20780-48-7	244-033-0	Xi, N R38,R51/53	H315, H411
1.0-2.5	3-methylbutyl acetate	123-92-2	204-662-3	R10,R66	H226
1.0-2.5	2,6-Dimethyloct-7-en-2-ol	18479-58-8	242-362-4	Xi R38	H315, H319
1.0-2.5	3,7-Dimethylocta-2,6-dien-1-ol	106-24-1	203-377-1	Xi R38,R41,R43	H315, H317, H318
1.0-2.5	3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate	54830-99-8	259-367-2	R52/53	H412
1.0-2.5	ethyl 3-methyl-3-phenyloxirane-2-carboxylate	77-83-8	201-061-8	R52/53	H412
< 1.0	3,7-Dimethyloct-6-en-1-ol	106-22-9	203-375-0	Xi, N R38,R43,R51/53	H315, H317, H319
< 1.0	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	54464-57-2	259-174-3	Xi R38,R43	H315, H317, H410
< 1.0	3,7-Dimethylocta-2,6-dien-1-yl acetate	105-87-3	203-341-5	Xi, N R38,R43,R51/53	H317, H411

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< 1.0	2-Phenylethanol	60-12-8	200-456-2	Xn R22,R36	H319
< 1.0	Benzyl benzoate	120-51-4	204-402-9	Xn, N R22,R51/53	H302, H400, H411
< 1.0	prop-2-enyl 3-cyclohexylpropanoate	2705-87-5	220-292-5	Xn, N R20/21/22,R43,R50/53	H302, H312, H317, H332, H410
< 1.0	1,3-Benzodioxole-5-carbaldehyde	120-57-0	204-409-7	Xi R43	H317
< 1.0	Hexanoic acid, 2-propen-1-yl ester	123-68-2	204-642-4	Xn, N R21/22,R38,R50/53	H301, H311, H400, H412
< 1.0	3,7-Dimethylocta-2,6-dien-1-ol	106-25-2	203-378-7	Xi R38	H315, H319
< 1.0	4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	N, Xi R43,R51/53	H317, H411
< 1.0	3-(4-Isopropylphenyl)-2-methylpropanal	103-95-7	203-161-7	Xi, N R38,R43,R51/53	H315, H317, H319, H411
< 1.0	Allyl (3-methylbutoxy)acetate	67634-00-8	266-803-5	Xn R22,R38	H302, H315
< 1.0	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	68912-13-0	272-805-7	N R51/53	H411
< 1.0	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	214-881-6	N, Xi R43,R51/53	H317, H411
< 1.0	2,6-Dimethylhept-5-enal	106-72-9	203-427-2		H226
< 1.0	3,7-Dimethyloctan-1-ol	106-21-8	203-374-5	Xi, N R38,R51/53	H315, H319, H411
< 1.0	2-Benzylideneoctanal	101-86-0	202-983-3	Xi R38,R43	H317, H411
< 1.0	1-(4-Methoxyphenyl)ethanone	100-06-1	202-815-9	Xn R22	H302
< 1.0	2,6-Di-tert-butyl-4-methylphenol	128-37-0	204-881-4	N R50/53	H400, H410
< 1.0	Ethyl 2-methylbutanoate	7452-79-1	231-225-4	R10	H226
< 1.0	3,7-Dimethylnona-2,6-dienitrile	61792-11-8	263-214-5	N R51/53	H411
< 1.0	Ethyl 2-methylpentanoate	39255-32-8	254-384-1	R10	H226
< 1.0	1,1-Dimethyl-2-phenylethyl butyrate	10094-34-5	233-221-8	N R51/53	H411
< 1.0	4-(4-Hydroxyphenyl)butan-2-one	5471-51-2	226-806-4	Xn R22	H302
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	8000-41-7	232-268-1	Xi R36/38	H315, H319
< 1.0	2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	268-264-1	Xi R36/38,R43,R52/53	H315, H317, H319, H412
< 1.0	Oxacyclohexadecan-2-one	106-02-5	203-354-6	Xi R43	H317
<0.001	Turpentine oil	8006-64-2	232-350-7	Xn, N R10,R38,R43,R51/53,R 65	H226, H304, H315, H317, H411

**SECTION 4: First aid measures****4.1. Description of first aid measures****Contact with skin:**

Remove all contaminated clothing.  
Wash with plenty of water and soap.

**Contact with eyes:**

Flush immediately with water for at least 10 minutes.  
Contact physician if symptoms persist.

**Swallowing:**

Rinse mouth with water.  
In severe cases seek medical attention and show the safety data sheet.

**Inhalation:**

No damage to health is expected.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 2.1

**4.3. Indication of any immediate medical attention and special treatment needed**

See Section 4.1

**SECTION 5: Firefighting Measures****5.1. Extinguishing media**

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**Recommended extinguishers:**

Carbon dioxide, foam or powder-fire extinguisher.

**Extinguishers not to be used:**

DO NOT USE WATER EXTINGUISHERS.

**5.2. Special hazards arising from the substance or mixture**

**Risks arising from combustion:**

Avoid inhaling the fumes.

**5.3. Advice for firefighters**

**Protective Equipment:**

Use protection for the respiratory tract.

**Additional Information:**

Contaminated fire extinguishing water must be collected separately; it must not enter sewerage system.

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**SECTION 6: Accidental Release Measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes.

Use personal protective equipment.

**6.2. Environmental hazards**

Inform fire brigade of large spillages.

Keep away from drains, surface and ground water, and soil.

Spillages should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

**6.3. Methods and material for containment and cleaning up**

Rapidly recover the product. To do so, wear a mask and protective clothing. If possible, collect product for re-use or disposal. Do not allow the material to enter drainage systems.

**6.4. Reference to other sections**

See section 8

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Apply good manufacturing and industrial hygiene practices and adequate ventilation.

Do not eat, drink or smoke while handling.

Respect good personal hygiene.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions:**

Store in well filled and tightly closed original containers, and protect from heat and light.

Avoid certain plastic and uncoated metal containers.

**Instructions as regards storage premises:**

Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

**Incompatible Materials:**

None known that present a hazard.

**7.3. Specific end use(s)**

Perfumed product for professional or consumer use

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**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Materials with occupational exposure standards:**

	<u>WEL-STEL mg/m3</u>	<u>WEL-STEL ppm</u>	<u>WEL-TWA mg/m3</u>	<u>WEL-TWA ppm</u>
1-(3-Methoxypropoxy)propan-1-ol			308	50
3-methylbutyl acetate	541	100	270	50
Turpentine oil	850	150	566	100

**8.2. Exposure controls**

**Precautionary Measures:**

Give adequate ventilation to the premises where the product is stored and/or handled.

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**Protection for respiratory tract:**

Not needed for normal use.

**Protection for hands:**

Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6

**Protection for eyes:**

Avoid contact. Wear safety glasses

**Protection for skin:**

Avoid contact. Use suitable protective clothing as needed.

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**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Appearance	Clear pale yellow liquid
Odour	Characteristic
pH	Non aqueous mixture, not determined
Melting Point	Not applicable
Initial boiling point and boiling point range	Not applicable
Flash Point (°C)	>70
Evaporation Rate	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.90
Solubility in Water	No
Partition Co-efficient : n-octanol /water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not applicable
Oxidising properties	Not applicable

**9.2. Other information**

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**SECTION 10: Stability and Reactivity**

**10.1. Reactivity**

Substances to avoid: None in particular.

**10.2. Chemical stability**

Stable under normal conditions

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None expected

**10.6. Hazardous decomposition products**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

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**SECTION 11: Toxicological Information**

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

For further information see sections 2, 15 & 16.

**11.1. Information on toxicological effects**

ATE Dermal: >10000  
ATE Oral: 7950  
ATE Vapour: >20

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**SECTION 12: Ecological Information****12.1. Ecotoxicity**

This preparation has not been subject to ecological testing as an entity; therefore no specific data has been generated. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation. For further information see sections 2, 15 & 16. Avoid contaminating the earth as well as surface and ground water.

**12.2. Persistence and degradability**

Not determined

**12.3. Bioaccumulative potential**

Not determined

**12.4. Mobility in soil**

Not determined

**12.5. Results of PBT and vPvB assessment**

None present

**12.6. Other adverse effects**

None known

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**SECTION 13: Disposal Considerations****13.1. Waste treatment methods**

The product should be disposed of in accordance to local regulations.  
Avoid disposing into drainage systems and into the environment.  
The soiled packaging should be disposed of in the same way as the product.

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**SECTION 14: Transport Information**

ADR-UN Number	3082
ADR-Class	9
ADR-Shipping Name	Environmentally hazardous substance, liquid, n.o.s (Contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
ADR-Packing Group	III
ADR-Tunnel Code	E
IATA-UN Number	3082
IATA-Class	9
IATA-Shipping Name	Environmentally hazardous substance, liquid, n.o.s (Contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
IATA-Label	Miscellaneous
IATA-Packing Group	III
IATA-S.P.	A97
IATA-ERG	9L
IMDG-Marine Pollutant	Marine Pollutant
IMDG-UN Number	3082
IMDG-Class	9
IMDG-Shipping Name	Environmentally hazardous substance, liquid, n.o.s (Contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
IMDG-Packing group	III
IMDG-Storage Category	A

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**SECTION 15: Regulatory information****15.1. General Information**

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture

**SECTION 16: Other Information****16.1. Classification Contribution Values**

H304:	3.299	H305:	0.000				
H314-1A:	0.000	H314-1B:	0.000	H314-1C:	0.000		
H315:	1.603	H316:	0.000				
H317-1A:	0.000	H317-1B:	2.995				
H318:	0.434	H319:	14.821				
H334-1A:	0.000	H334-1B:	0.000				
H335:	0.000	H336:	0.000				
H340-1A:	0.000	H340-1B:	0.000	H341:	0.000		
H350-1A:	0.000	H350-1B:	0.000	H351:	0.000		
H360-1A:	0.000	H360-1B:	0.000	H361:	0.986	H362:	0.000
H370:	0.000	H371:	0.000	H372:	0.000	H373:	0.000
H400:	0.199	H410:	0.289	H411:	3.740	H412:	37.756
H413:	1.489	H420:	0.000				

**16.1.b Total Fractional Values**

R26:	0.000	R23:	0.000	R20:	0.000
R27:	0.000	R24:	0.000	R21:	0.000
R28:	0.000	R25:	0.000	R22:	0.152
R35:	0.000	R34:	0.000	R41:	0.130
R36:	0.878	R37:	0.000	R38:	0.802
R42:	0.000	R43:	0.000		
R40:	0.000	R61:	0.000	R62:	0.592
R65:	3.000	R67:	0.000	R68:	0.000
R50/53:	0.286	R51/53:	4.011	R52/53:	40.327

**16.2. Full list of Hazard and Precautionary phrases**

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317-1B	May cause an allergic skin reaction
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container according to local regulations.

The information in this data sheet is to the best of our knowledge true and accurate, but all data, instructions and/or suggestions are made without guarantee. These statements are solely for the above-mentioned product and should help to take adequate safety precautions. This "Safety Data Sheet" replaces all previous ones.

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Revision Date: 16/09/2014