

# SAFETY DATA SHEET

Version Number: 1

Preparation date: 2012-03-15

## TYPE-S OVAL AIR FRESHENER (Vanilla & Breeze)

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name: Membrane Air Freshener  
MSDS#: AF53514E

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended Use Fragrances: Perfume Compound

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

Company : Winplus-Europe Limited  
Unit 4 Two Counties Estate, off Falconer Road,  
Haverhill, Suffolk, UK CB9 7XZ

#### 1.4 Emergency telephone number

01440 713888 (Hours of Operation Mon-Fri 9am-5pm)

### 2. Hazards identification

#### 2.1 Classification

Classification

Flammable liquids, Category 3 H226: Flammable liquid and vapour.  
Skin irritation, Category 2 H315: Causes skin irritation  
Eye irritation, Category 2A H319: Causes serious eye irritation  
Skin irritation, Category 1 H317: May cause an allergic skin reaction.  
Aspiration hazard, Category 1 H304: May be fatal if swallowed and enters airways.  
Acute aquatic toxicity, Category 2 H401: Toxic to aquatic life.  
Chronic aquatic toxicity, Category 2 H 411: Toxic to aquatic life with long lasting effects

#### 2.2 Label elements

Labelling

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation  
H 411: Toxic to aquatic life with long lasting

Precautionary statements : Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces.- No smoking.  
P233 Keep container tightly closed.

- P243 Take precautionary measures against static discharge.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- Response
- P301+P310 IF SWALLOWED: Immediately call a poison center or doctor/ physician
- P303+P361+P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P315 Get immediate medical advice/ attention.
- P330 Rinse mouth.
- P331 Do not induce vomiting.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
- P391 Collect spillage
- Storage:
- P403+P235 Store in a well-ventilated place. Keep cool.

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

ALKANES, C10-13 ISO-	68551-17-7
( R ) – p – menthe-1,8-diene	5989-27-5
benzyl benzoate	120-51-4

Labelling according to EC Directives  
1999/45/EC

Hazard pictograms :



Harmful

Dangerous for the environment

Risk phrases	: R10	Flammable
	R22	Harmful if swallowed
	R38	Irritating to skin
	R43	May cause sensitization by skin contact.
	R51/53,	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient	CAS#	EINECS-No. ELINCS No.	Weight %	Classification ( regulation GB 13690 )	Classification
benzyl benzoate	120-51-4	204-402-9	25-50	Acute Tox. 4 ; H302 Aquatic Chronic 2 ; H 411	Xn; R 22 N; R51/53

benzaldehyde	100-52-7	202-860-4	0.5-2.5	Acute Tox. 4 ; H302	Xn; R 22
3-methoxy-4-hydroxy-benzaldehyde	121-33-5	204-465-2	0.05-0.5	Skin Sens.1; H317	Xi; R43
4-Undecanolide	104-67-6	203-225-4	1-3	-/-	N; R51/53
1-( 2,6,6-Trimethylcyclohex-2-en-1-yl) pent-1-en-3-one	1335-46-2	215-635-0	0.05-0.5	Aquatic Chronic 2 ; H 411	N; R51/53
ALKANES, C10-13 ISO-	68551-17-7	271-366-9	12.5-25	Asp. Tox 1; H304 Aquatic Chronic 4; H413	Xn; R65 R66-R53
( R ) – p – menthe-1,8-diene	5989-27-5	227-813-5	5-10	Flam. Lid.3; H226 Skin Irrit.2:H315 Skin Sens.1; H317 Aquatic Chronic 1; H410	R10 Xi; R38 R43 N; R50-R53
DIPHENYL ETHER	101-84-8	202-981-2	5-10	Aquatic Chronic 2; H411	N; R51/53
2-propenyl hexanoate	123-68-2	204-642-4	1.25-2.5	Acute Tox.3; H301 Acute Tox. 3; H311 Skin Irrit. 2 ; H315 Eye Irrit.2; H319 Aquatic Chronic 2; H411	
2-(2-(4-methyl-3-cyclohexen-1-yl)propyl)cyclopentanone	95662-14-4	404-240-0	1.25-2.5	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	N; R50/53
2-PROPENYL PHENOXYACETATE	7493-74-5	231-335-2	0.5-2.5	Acute Tox.4; H302 Acute Tox. 4: H302 Skin Irrit. 2; H315 Eye Irrit.2: H319	Xi; R38 Xn; R21/22
3-HYDROXY-2-ETHYL-4H-PYRAN-4-ONE	4940-11-8	225-582-5	0.5-2.5	Acute Tox.4; H302	Xn; R22
citral	5392-40-5	226-394-6	0.5-2.5	Skin Irrit.2:H315 Skin Sens.1:H317	Xi; R38 R43
2,4-DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE	68039-49-6	268-264-1	0.05-0.5	Skin Irrit. 2;H315 Skin Sens.1;H317 Aquatic	R52/53 Xi; R36/38- R43

				Chronic 3; H412 Eye Irrit.2; H319	
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**Sensitising components R43 (0.1-<1%)**

Chemical Name	CAS-No.	EINECS-No./ ELINCS No.
3-methoxy-4-hydroxy-benzaldehyde	121-33-5	204-465-2

**Hydrocarbons** : 31%

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in Attendance.  
Symptoms of poisoning may only appear several Hours later.  
Do not leave the victim unattended.
- If inhaled : Move to fresh air  
If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Take victim immediately to hospital.

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

Symptoms : no data available

Risks : no data available

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

Treatment : no data available

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Dry chemical  
Alcohol-resistant foam  
Carbon dioxide(CO2)  
Water spray

Unsuitable extinguishing media: High volume water jet

## 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or Water courses.

## 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharge into drains. Fire residues and contaminated fire extinguishing Water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be Stored separately in closed containments.  
Use a water spray to cool fully closed containers.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains Inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-Combustible absorbent material, (e.g. sand, earth, Diatomaceous earth, vermiculite) and place in Container for disposal according to local / national Regulations

### 6.4 Reference to other sections

Not applicable

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol  
Do not breathe vapours/dust.  
Avoid exposure – obtain special instructions before use.

Avoid contact with skin and eyes.  
 For personal protection see section 8  
 Smoking, eating and drinking should be prohibited in the application area.  
 Take precautionary measures against static discharges.  
 Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking.  
 Keep container tightly closed in a dry and well-ventilated place.  
 Containers which are opened must be carefully released and kept upright to prevent leakage.  
 Observe label precautions.  
 Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : no data available  
 Advice on common storage : no data available  
 Other date : No decomposition If stored and applied as directed.

## 7.3 Specific end uses

Not applicable

## 8. EXPOSURE CONTROLS/PERSONAL PROTECION

### 8.1 Control parameters

Components	Cas-No	Value	Control parameters	Update	Basis
DIPHENYL ETHER	101-84-8	VME	1 PPM 7 MG/M3	2005-02-01	FR VLE
Further Information	: Indicative exposure limits				

### 8.2 Exposure controls

Hand Protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves

Eye Protection : Eye wash bottle with pure water  
 Tightly fitting safety goggles  
 Wear face-shield and protective suit for abnormal processing problems

Skin and body protection : impervious clothing  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink  
 When using do not smoke.  
 Wash hands before breaks and at the end of workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Color	: colorless, very light yellow
Odor	: Floral, water fruit
pH-value	: Not determined.
Viscosity	: Not determined.
Freezing point	: Not determined.
Boiling point	: Not determined.
Melting point	: Not determined.
Flash point	: 59 degC method : Grabner miniflash closed cup
Autoflammability	: Not determined.
Explosive property	: None expected.
Oxidising property	: None expected.
Vapour pressure	: Not determined.
Relative density	: 917,97kg/m <sup>3</sup> at 20 degC
Solubility ethanol	: Not determined.
Partition coeff.	: Not determined.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

none

### 10.2 Chemical stability

The products is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours  
May form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : no date available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : no data available  
Thermal decomposition : no data available

## 11. Information on toxicological effects

### Acute toxicity

#### Acute oral toxicity

: Acute toxicity estimate dose : 6477 mg/kg  
Method : Calculation method

Benzyl benzoate	:	LD50: 2 000mg/kg	Species: rab
benzaldehyde	:	LD50: 1 300mg/kg	Species: rat
3-methoxy-4-hydroxy- benzaldehyde	:	LD50: 1 580mg/kg	Species: rat
4-Undecanolide	:	LD50: 18 500mg/kg	Species: rat
1-( 2,6,6- Trimethylcyclohex-2- en-1-yl) pent-1-en-3- one	:	LD50: 5 000mg/kg	Species: rat
ALKANES, C10-13	:	LD50: 5 000mg/kg	Species: rat

ISO-			
( R ) – p – menthe-	:	LD50: 4 400mg/kg	Species: rat
1,8-diene	:	LD50: 5 600mg/kg	Species: mouse
DIPHENYL ETHER	:	LD50: 2 450mg/kg	Species: rat
2-propenyl hexanoate	:	LD50: 218mg/kg	Species: rat
	:	LD50: 280mg/kg	Species: mouse
2-(2-(4-methyl-3-	:	LD50: 2 000mg/kg	Species: rat
cyclohexen-1-			
yl)propyl)cyclopentan			
one			
2-PROPENYL	:	LD50: 835mg/kg	Species: rat
PHENOXYACETATE			
3-HYDROXY-2-	:	LD50: 1 150mg/kg	Species: rat
ETHYL-4H-PYRAN-		LD50: 780mg/kg	
4-ONE			
citral	:	LD50: 4 960mg/kg	Species: rat
2,4-	:	LD50: > 3 100mg/kg	Species: rat
DIMETHYLCYCLOH			
EX-3-ENE-1-			
CARBALDEHYDE			

**Acute inhalation toxicity** : No data is available on the products itself.

Acute toxicity ( other routes of administration) : No data is available on the products itself

#### **Skin corrosion/irritation**

Skin irritation : May cause skin irritation and/or dermatitis.

#### **Serious eye damage/ eye irritation**

Eye irritation : May cause irreversible eye damage.

#### **Respiratory or skin sensitization**

Sensitization : no data is available on the products itself.

#### **Germ cell mutagenicity**

Germ cell mutagenicity : no data is available on the products itself.

#### **Carcinogenicity**

Carcinogenicity : no data is available on the products itself.

#### **Reproductive toxicity**

Reproductive toxicity : no data is available on the products itself.

#### **Target Organ Systemic Toxicant – Single exposure**

Target Organ Systemic Toxicant – Single exposure : no data is available on the products itself.

#### **Target Organ Systemic Toxicant- Repeated exposure**

Target Organ Systemic Toxicant – Repeated Exposure : no data is available on the products itself.

#### **Aspiration hazard**

Aspiration toxicity : The substance or mixture is known to cause human



aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard

### Phototoxicity

Phototoxicity : no data is available on the products itself.  
Further information : Solvents may decrease the skin

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to fish : no data available  
Toxicity to daphnia and other aquatic invertebrates. : no data available  
Toxicity to algae : no data available  
M- Factor  
( R ) –p- menthe-1,8-diene : 1  
M-Factor  
2-(2-(4-methyl-3-cyclohexen-1-yl)propyl)cyclopentanone : 1  
Toxicity to bacteria : no data available  
Toxicity to fish ( Chronic toxicity) : no data available  
Toxicity to daphnia and other aquatic invertebrates : no data available  
( Chronic toxicity)  
Acute aquatic toxicity : no data available  
Chronic aquatic toxicity : no data available  
Toxicity Data on Soil : no data available  
Other organisms relevant to the environment : no data available  
Impact on Sewage Treatment : no data available

### 12.2 Persistence and degradability

Biodegradability : no data available

### 12.3 Bioaccumulative potential

Bioaccumulation : no data available

### 12.4 Mobility in soil

Mobility : no data available  
Distribution among environmental compartments : no data available  
Additional advice Environmental fate and pathways : no data available  
Physico-chemical removability : no data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

Additional ecological information : An environment hazard cannot be excluded in the unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.  
Contaminated packaging : Empty remaining contents.  
Dispose of as unused products.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty

drum.

Dispose of in accordance with local regulations

#### 14. TRANSPORT INFORMATION

ADR/RID/AND  
 UN number : 1169  
 Description : Extracts, Aromatic, liquid  
 Transport hazard class(es) : 3  
 Packing group : III  
 Labels : 3  
 Environmentally hazardous : yes  
 Packing instruction ( CAO ) : 366  
 Packing instruction ( PAX ) : 355  
 Packing instruction (Ltd. Qty.) : Y344

IMDG  
 UN number : 1169  
 Proper shipping name : Extracts, Aromatic, Liquid  
 Class : 3  
 Packing group : III  
 Labels : 3  
 EmS Fire : F-E  
 EmS Spillage : S-D

Marine pollutant : yes  
 Methyl isopropenyl cyclohexene

#### 15. Regulatory information

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture

No additional relevant information

#### 16 Other information

##### Full text of H-statements referred to under sections 2 and 3.

H 225 Highly flammable liquid and vapour.  
 H 226 Flammable liquid and vapour.  
 H 227 Combustible liquid  
 H 303 May be harmful if swallowed.  
 H 304 May be fatal if swallowed and enters airways.  
 H313 May be harmful in contact with skin.  
 H315 Causes skin irritation.  
 H316 Causes mild skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H400 Very toxic to aquatic life.  
 H401 Toxic to aquatic life.  
 H402 Harmful to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

##### Full text of R-phrases mentioned in Section 3

R 10	Flammable
R22	Harmful if swallowed
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

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.