



Williams (HS) Limited  
Sage House, Bowden Hey Road  
Chapel-en-le-frith, High Peak  
SK23 0QZ  
Tel: 01298 813001  
Fax: 01298 813015

### Material Safety Data Sheet

Product Name: Refresher oil Fresh blossom

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#### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT USE:** Air freshener Refresher oil

**SUPPLIER ADDRESS:** Williams (HS) Limited, Sage House, **Bowden Hey Road**,  
Chapel-en-le-frith, High Peak. SK23 0QZ

**INFORMING DEPARTMENT:** Technical Department

**EMERGENCY CALL: Email:** stacey@sagedecor.com **Tel:** +44 1298 813001 (Mo-fr,  
08.30 - 17.00) +44 7734 229960/+44 7969753360 +44 7570 900688 (Out of  
hours)

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#### SECTION 2. HAZARDS IDENTIFICATION

##### Classification (EC 1272/2008)

Physical and Chemical Hazards

Human Health

H315, H317, H318, H319,

Environment

H400, H410, H411

##### Classification (1999/45EEC)

R36/38

R41

R43

R50/53

R51/53

S2

S24/25

S26

S36

S37/39

S60/61

The full text for all R phrases, S phrases and Hazard Statements are displayed in  
Section 16

This product :

May cause an allergic skin reaction

Causes serious eye irritation

Dangerous for the environment

##### Label Elements



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#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.

Not applicable product is a mixture

EINES-No.ELINCS No.

Not applicable product is a mixture

##### Classification

Contains

Conc.

CAS No

EC No

EC 1272/2008

67/548/EEC

<b>OTNE</b>	1.5% - 3.75%	54464-57-2	259-174-3	H315, H317, H411	R43, R51/53	Xi, N	
<b>Hexameth ylindanop yran</b>	1.5% - 3.75%	1222-05-5	214-946-9	H400, H410	R50/53	N	
<b>2- Phenyletha nol</b>	1.5% - 3.75%	60-12-8	200-456-2	H319	R36	Xi	
<b>Linalyl Acetate</b>	0.38% - 1.5%	115-95-7	204-116-4	H315, H319	R38	Xi	
<b>Citronellol</b>	0.40%	106-22-9	203-375-0	H315, H317, H319, H411	R36/38, R43, R51/53	S2, S24/25, S26, S37/39, S61 Xi, N	
<b>Geraniol</b>	0.38%	106-24-1	203-377-1	H315, H317, H318	R38, R41, R43	Xi	
<b>Limonene</b>	0.25%	5989-27-5	227-813-5	H226, H315, H317, H400, H410	R10, R38, R43, R50/53	S2, S24, S37, S60, S61 Xi, N	
<b>Linalool</b>	0.25%	78-70-6	201-134-4	H315, H319	R36/38, R43	S2, S24/25, S26, S36 Xi	
<b>Alpha Iso Methyl Ionone</b>	0.11%	127-51-5	204-846-3	H315, H317, H319, H411	R38	S2, S24/25, S26, S36 Xi	
<b>Hydroxycitronellal</b>	0.09%		107-75-5			203-518-7	
<b>Amyl Cinnamal</b>	0.04%		122-40-7			204-541-5	
<b>Benzyl Benzoate</b>	0.03%		120-51-4			204-402-9	
<b>Coumarin</b>	0.02%		91-64-5			202-086-7	
REACH				All components have been registered.			

More information of the fragrance oil can be found on a separate material safety data sheet (MSDS), this is available on request.

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#### SECTION 4. FIRST AID MEASURES

##### Description.

Inhalation : Remove from exposure. If difficulty with breathing obtain medical advice.

Skin contact : Remove from source of contamination. Wash skin with soap or mild detergent and water.

Eye contact : Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical advice if soreness/irritation persists.

##### Symptoms and effects, both acute and delayed.

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye irritation

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#### SECTION 5. FIRE FIGHTING MEASURES

##### Extinguishing media.

Small fire, use CO2, dry chemical powder, water mist.

Large fire, use alcohol resistant foam or water mist. DO NOT USE WATER JET.

**Special hazards.**

Special exposure hazards :

Vapours may ignite

**Fire fighting.**

Special protective equipment : self-contained breathing apparatus, eye protection may be required.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions.**

Wear appropriate clothing, ventilate area to dispel vapour.

**Environmental precautions.**

Advise appropriate authority if spillage size warrants  
(i.e. possibility of contaminating water courses, drains etc...)

**Clean up and containment.**

Contain with sand/earth. Transfer to suitable container for subsequent disposal  
(in accordance with local regulations). Wash contaminated area with copious  
amounts of water.

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**SECTION 7. HANDLING AND STORAGE**

**Handling.**

Handle in a well ventilated area. Keep containers tightly closed, avoid contact with skin  
and eyes.

Avoid acids,alkalis and oxidising substances. Static electricity and formation of sparks  
must be prevented.

**Storage.**

Area should be dry, well ventilated, away from sources of heat or ignition.

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**SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure control.**

DNEL dermal (Dipropylene Glycol) 84mg/Kg

DNEL inhalational (Dipropylene Glycol) 238mg/m<sup>3</sup>

Note - DNEL values are for workers only, not consumers

PNEC (Dipropylene Glycol) 0.1mg/l freshwater

PNEC (Dipropylene Glycol) 0.01mg/l seawater

PNEC (Dipropylene Glycol) 0.238mg/Kg freshwater

**Personal protection.**

PVC or Rubber gloves

Overalls

Goggles

Area must be well ventilated.

Static electricity and formation of sparks must be prevented.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Clear liquid

Odour                      Characteristic  
Density @ 20C        1.02g/cm<sup>3</sup>  
Vapour density        4.6  
(DPG)

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#### **SECTION 10. STABILITY AND REACTIVITY**

##### **Reactivity.**

Stable under normal conditions.

##### **Stability.**

Stable under normal conditions.

##### **Hazardous reactions.**

Hazardous combustion products : oxides of carbon.

##### **Conditions to avoid.**

Avoid contact with strong acids, alkalis or oxidising agents

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#### **SECTION 11. TOXICOLOGICAL INFORMATION**

Low toxicity.

Irritating to eyes and skin

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#### **SECTION 12. ECOLOGICAL INFORMATION**

Not classified as environmentally hazardous under normal use conditions

Product is biodegradeable

Product does not bioaccumulate significantly.

Product is water soluble and may spread in water systems

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#### **SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local/national regulations.

Do not allow into sewer, waterway or ground

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#### **SECTION 14. TRANSPORT INFORMATION**

UN Number

Shipping name

Classification

Hazardous class

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#### **SECTION 15. REGULATORY INFORMATION**

Environmental protection act 1990

Hazardous waste regulations 2005

Workplace exposure limits EH40

REACH

Health & Safety at work act (as amended) 1974

COSHH 2002 (as amended)

CDG 2007

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#### **SECTION 16. OTHER INFORMATION**

Hazard symbol	Xi	Irritant
N		Dangerous to the environment
Hazards	H315	Causes 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
H410		Very toxic to aquatic life with long lasting effects
H411		Toxic to aquatic life with long lasting effects
Risk Phrases	R36/38	Irritating to the eyes and skin
R41		Risk of serious damage to eyes
R43		May cause sensitisation by skin contact
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
Safety Phrases:	S2	Keep out of the reach of children
S24/25		Avoid contact with skin and eyes
S26		In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36		Wear suitable protective clothing
S37/39		Wear suitable gloves and eye/face protection
S60		This material and its container must be disposed of as hazardous waste
S61		Avoid release to the environment. Refer to special instructions / safety data sheet

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#### Further information

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