



**De'Xandra Headquarters**  
OSHIEN2U SDN. BHD. (1105325-M)  
No.13 & 13A , Jalan P4/8B,  
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# MATERIAL SAFETY DATA SHEET

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

### 1.1. Product Identifier

Trade name:  
FOREST DREAM 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. Company Identification

OSHIEN2U SDN. BHD  
No. 13 & 13A, Jalan P4/4B,  
Bandar Teknologi Kajang, 43500 Semenyih,  
Selangor Darul Ehsan.

### 1.4. E-mail Address

[admin@dexandra.com](mailto:admin@dexandra.com)

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

#### Classification of the substance or mixture according to CLASS 2013

Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, Chronic, category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label elements according to CLASS 2013

Signal Word: Warning

Pictograms:



#### Hazard Statements:

H361	Suspected of damaging fertility or the unborn child.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

## CLASS 2013

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P391	Collect spillage.

### 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.

<u>Conc. %</u>	<u>Description</u>	<u>CAS</u>	<u>EINECS</u>	<u>Classification CLASS 2013</u>
10-25	1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN	1222-05-5	214-946-9	H400, H410
10-25	1-(3-Methoxypropoxy)propan-1-ol	34590-94-8	252-104-2	
10-25	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	54464-57-2	259-174-3	H315, H317, H410
2.5-10	3-(4-tert-Butylphenyl)-2-methylpropanal	80-54-6	201-289-8	H302, H315, H317, H361, H412
1.0-2.5	3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6	233-732-6	H315, H317, H319
1.0-2.5	(R)-p-Mentha-1,8-diene	5989-27-5	227-813-5	H226, H304, H315, H317, H400, H410
1.0-2.5	7-Hydroxy-3,7-dimethyloctanal	107-75-5	203-518-7	H317, H319
1.0-2.5	3,7-Dimethylocta-2,6-dien-1-yl acetate	105-87-3	203-341-5	H315, H317, H412
1.0-2.5	(Ethoxymethoxy)cyclododecane	58567-11-6	261-332-1	H315, H317, H411
1.0-2.5	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	214-881-6	H317, H361, H411
< 1.0	Hexyl acetate	142-92-7	205-572-7	H226
< 1.0	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	204-872-5	H226, H304, H315, H317, H400, H410
< 1.0	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	204-116-4	H315, H317, H319
< 1.0	2-tert-Butylcyclohexyl acetate	88-41-5	201-828-7	H411
< 1.0	2,4-Dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d][1,3]dioxine	27606-09-3	248-561-2	H302, H412
< 1.0	3,7-Dimethyloct-6-en-1-yl acetate	150-84-5	205-775-0	H315, H411
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	98-55-5	202-680-6	H315, H319
< 1.0	1-Isopropyl-4-methylcyclohexa-1,4-diene	99-85-4	202-794-6	H226, H304, H361
< 1.0	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	H315, H317, H319
< 1.0	2,6-Di-tert-butyl-p-cresol	128-37-0	204-881-4	H400, H410
< 1.0	Hex-3-en-1-ol	928-96-1	213-192-8	H319
< 1.0	3,7-Dimethylocta-2,6-dien-1-yl acetate	141-12-8	205-459-2	H317
< 1.0	3,7-Dimethylocta-2,6-dienal	5392-40-5	226-394-6	H315, H317, H319
< 1.0	3-(4-tert-Butylphenyl)propanal	18127-01-0	242-016-2	H315, H317, H373, H412
< 1.0	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	201-291-9	H226, H304, H315, H317, H400, H410
< 1.0	2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	268-264-1	H315, H317, H319, H411
< 1.0	Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	4707-47-5	225-193-0	H317
<0.01	n-butyl acetate	123-86-4	204-658-1	H226, H336
<0.001	Ethyl alcohol	64-17-5	200-578-6	H225, H319

## 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

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**SECTION 5: Firefighting Measures**

**5.1. Extinguishing media**

**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

**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
6,6-Dimethyl-2-methylenebicyclo [3.1.1]heptane	300	50	140	25
2,6,6-Trimethylbicyclo[3.1.1]hept-2- ene	300	50	140	25
n-butyl acetate	966	200	724	150
Ethyl alcohol			1920	1000

**8.2. Exposure controls****Precautionary Measures:**

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

**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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Clear almost colourless 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)	89
Evaporation Rate	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.96
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****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: >5000

ATE Oral: >10000

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-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN)
ADR-Packing Group	III
ADR-Tunnel Code	No Information
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-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN)
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-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN)
IMDG-Packing Group	III
IMDG-Storage Category	A

**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 CLASS 2013 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:	0.233	H305:	0.000				
H314-1A:	0.000	H314-1B:	0.000	H314-1C:	0.000		
H315:	2.943	H316:	0.000				
H317:	15.161	H317-1A:	0.000	H317-1B:	0.000		
H318:	0.000	H319:	0.423				
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:	2.428	H362:	0.000
H370:	0.000	H371:	0.000	H372:	0.000	H373:	0.000
H400:	0.977	H410:	1.583	H411:	15.914	H412:	159.709
H413:	1.960	H420:	0.000				

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

H361	Suspected of damaging fertility or the unborn child.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P501	Dispose of contents/container according to local regulations.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P272	Contaminated work clothing should not be allowed out of the workplace.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P273	Avoid release to the environment.
P391	Collect spillage.

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.