MATERIAL SAFETY DATA SHEET

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Tel. (66) 2 747 5271-3 Fax (66) 2 747 5270

SECTION 1: Identification of the mixture and of the company

1.1. Product Identifier

Trade code : DF16-635
Trade name : REED DIFFUSER - AFRICAN SPICE

1.2. Details of the supplier of the safety data sheet

IMPLEMENT DESIGN ASSOCIATES CO., LTD.
21,18 SOI BANGNA-TRAD 13, BANGNA,
BANGNA, BANGKOK 10260 THAILAND

1.3. Emergency telephone number

TEL. (66) 2 747 5271-3

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification of the substance or mixture according to EC 1272/2008

	EUH208	Contains (3,7-Dimethylocta-1,6-dien-3-ol; 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone; 2-Benzylideneoctanal; 3-(4-tert-Butylphenyl)-2-methylpropanal; 1-Cedr-8-en-9-ylethanone; 4-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde). May produce an allergic reaction.
Hazardous to the aquatic environment, Chronic, category 3	H412	Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements according to EC 1272/2008

Signal Word : None
Pictograms : None

Hazard Statements:

EUH208	Contains (3,7-Dimethylocta-1,6-dien-3-ol; 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone; 2-Benzylideneoctanal; 3-(4-tert-Butylphenyl)-2-methylpropanal; 1-Cedr-8-en-9-ylethanone; 4-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde). May produce an allergic reaction.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P273	Avoid release to the environment.

Hazardous components which must be listed on the label:

NONE

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.

Conc. %	Description	CAS	EINECS	Classification EC 1272/2008
70-80	1-(3-Methoxypropoxy)propan-1-ol	34590-94-8	252-104-2	
10-15	Deionized water	7732-18-5	231-791-2	
< 1.0	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
< 1.0	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	H315, H319
< 1.0	2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	405-040-6	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	H315, H317, H410
< 1.0	Benzyl acetate	140-11-4	205-399-7	H412
< 1.0	2-Benzylideneoctanal	101-86-0	202-983-3	H317, H400, H411
< 1.0	Pentyl salicylate	2050-08-0	218-080-2	H302, H400, H410
< 1.0	3-(4-tert-Butylphenyl)-2-methylpropanal	80-54-6	201-289-8	H302, H315, H317, H361, H412
< 1.0	1-Cedr-8-en-9-ylethanone	32388-55-9	251-020-3	H317, H400, H410
< 1.0	4-Methyl-3-decen-5-ol	81782-77-6	279-815-0	H400, H411
< 1.0	3-methyl-5-phenyl-1-pentanol	55066-48-3	259-461-3	H302, H373
< 1.0	4-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1- carbaldehyde	31906-04-4	250-863-4	H317
< 1.0	3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2- one	127-51-5	204-846-3	H317, H411
< 1.0	Benzyl salicylate	118-58-1	204-262-9	H317, H412
< 1.0	Hexyl salicylate	6259-76-3	228-408-6	H317, H400, H410
< 1.0	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	214-881-6	H317, H361, H411
< 1.0	3-Methyl-5-(2,2,3-trimethylcyclopent-3-en-1-yl)pentan-2-ol	65113-99-7	265-453-0	H319, 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

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.

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

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:

	WEL-STEL mg/m3	WEL-STEL ppm	WEL-TWA mg/m3	WEL-TWA ppm
1-(3-Methoxypropoxy)propan-1-ol			308	50

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	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	0.98
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.

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

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

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.

SECTION 14: Transport Information

ADR-UN Number	Not classified for transport
ADR-Class	Not classified for transport
ADR-Shipping Name	Not classified for transport
ADR-Packing Group	Not classified for transport
ADR-Tunnel Code	Not classified for transport
IATA-UN Number	Not classified for transport
IATA-Class	Not classified for transport
IATA-Shipping Name	Not classified for transport
IATA-Label	None
IATA-Packing Group	Not classified for transport
IATA-S.P.	None
IATA-ERG	None
IMDG-Marine Pollutant	No
IMDG-UN Number	Not classified for transport
IMDG-Class	Not classified for transport
IMDG-Shipping Name	Not classified for transport
IMDG-Packing group	Not classified for transport
IMDG-Storage Category	Not classified for transport

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

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.