

## SAFETY DATA SHEET



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

#### **1.1. Product Identifier**

Trade code : DF16-635

Trade name : REED DIFFUSER - GRAPEFRUIT

#### **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

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### **SECTION 2: Hazards Identification**

#### **2.1. Classification of the substance or mixture**

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

**Sensitisation - Skin,** H317 May cause an allergic skin reaction.

**category 1**

**Hazardous to the aquatic** H412 Harmful to aquatic life with long lasting effects.

**environment,**

**Chronic, category 3**

#### **2.2. Label elements**

Label elements according to EC 1272/2008

Signal Word : Warning

Pictograms :



Hazard Statements:

**H317** May cause an allergic skin reaction.

**H412** Harmful to aquatic life with long lasting effects.

Precautionary Statements:

**P302 + P352** IF ON SKIN: Wash with plenty of soap and water.

**P333 + P313** If skin irritation or rash occurs: Get medical advice/attention.

**P273** Avoid release to the environment.

Hazardous components which must be listed on the label:

5989-27-5 (R)-p-Mentha-1,8-diene

#### **2.3. Other hazards**

None reasonably foreseeable

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

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

<b><u>Conc. %</u></b>	<b><u>Description</u></b>	<b><u>CAS</u></b>	<b><u>EINECS</u></b>	<b><u>Classification EC 1272/2008</u></b>
70-80	1-(3-Methoxypropoxy)propan-1-ol	34590-94-8	252-104-2	
10-15	Deionized water	7732-18-5	231-791-2	
2.0-3.0	(R)-p-Mentha-1,8-diene	5989-27-5	227-813-5	H226, H304, H315, H317, H400, H410
1.0-2.0	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	H315, H317, H319
< 1.0	4-Isopropylidene-1-methylcyclohexene	586-62-9	209-578-0	H226, H304, H317, H400, H410
< 1.0	3,7-Dimethylocta-2,6-dienal	5392-40-5	226-394-6	H315, H317, H319
< 1.0	1-Decanal	112-31-2	203-957-4	H319, H412
< 1.0	Octanal	124-13-0	204-683-8	H226, H315, H319, H411
< 1.0	1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6	207-431-5	H226, H317
< 1.0	3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate	5413-60-5	226-501-6	H412
< 1.0	Hydrocarbons, terpene processing by-products	68956-56-9	273-309-3	H226, H304, H315, H317, H319, H400, H410
< 1.0	3,7-Dimethylocta-2,6-dien-1-ol	106-24-1	203-377-1	H315, H317, H318
< 1.0	1-Isopropyl-4-methylcyclohexa-1,4-diene	99-85-4	202-794-6	H226, H304
< 1.0	Hexanoic acid, 2-propen-1-yl ester	123-68-2	204-642-4	H301, H311, H331, H400, H412
< 1.0	2E-3,7-Dimethylocta-2,6-dien-1-ol	106-25-2	203-378-7	H315, H317, H318
< 1.0	1-(2,6,6-Trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one (Rose Ketone)	23696-85-7	245-833-2	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**

#### **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:

	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**

<b>Appearance</b>	liquid
<b>Odour</b>	Characteristic
<b>pH</b>	Non aqueous mixture, not determined
<b>Melting Point</b>	Not applicable
<b>Initial boiling point and boiling point ra</b>	Not applicable
<b>Flash Point (°C)</b>	>70
<b>Evaporation Rate</b>	Not determined
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Relative Density</b>	0.98
<b>Solubility in Water</b>	No
<b>Partition Co-efficient : n-octanol /water</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	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: >2000

ATE Oral: >2000

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**

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

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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

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**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.