

# Safety Data Sheet

According to Regulation (EC) No 1907/2006, Annex II,

Amended by COMMISSION REGULATION (EU) 2020/878,

Amended by COMMISSION DELEGATED REGULATION (EU) 2023/707,

According to REGULATION (EC) No 1272/2008

DEHUMIDIFIER IN ORCHID SCENT

Version 1.0

Issue date: 28-02-2024

Revision date: 28-02-2024

SDS Record Number: CSSS-TCO-010-170889

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

### 1.1 Product identifier:

Identification on the label/Trade name: DEHUMIDIFIER IN ORCHID SCENT  
Additional identification: Nanoform is NOT covered by this SDS.  
UFI: N/A  
Identification of the product: See section 3  
Index Number: See section 3  
REACH registration No.: See section 3

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

#### 1.2.1 Identified uses:

Home moisture absorber.

#### 1.2.2 Uses advised against:

Not available.

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

Supplier(Only representative): -  
Supplier(Manufacturer): RTC Direct Ltd  
Address: 711 Cavendish Ave, Warrington WA3 6DE  
United Kingdom  
Contact person(E-mail): sales@rtcdirect.co.uk  
Telephone: Tel: +44 (0) 800 989 0063  
Fax:

### 1.4 Emergency telephone Number:

EMEA Region +44 1865 407333 Americas +1 202 464 2554 Taiwan +886 2 8793 3212 Asia-Pacific +65 3165 2217 China 0532-83889090

Available outside office hours? YES

NO

## Section 2 Hazards identification

### 2.1 Classification of the substance or mixture:

#### 2.1.1 Classification of the mixture:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Acute Tox. 4	H302
Eye Irrit. 2	H319

For full text of H- phrases: see section 2.2.

### 2.2 Label elements:

#### Hazard pictogram(s):



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**Signal word:**

Warning

**Hazard statement(s):**

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

**Precautionary statement(s):**

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P330: Rinse mouth.

P501: Dispose of contents/container in accordance with local regulations.

**Supplemental Hazard information (EU)**

Not applicable.

### 2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

## Section 3 Composition/information on ingredients

**Substance/Mixture:**

Mixture

**Ingredient(s):**

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
Calcium chloride dihydrate	N/A	10035-04-8	N/A	98.5%	H302 H319	N/A
4-tert-Butylcyclohexyl acetate	N/A	32210-23-4	250-954-9	0.4%	H317	N/A
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	N/A	63500-71-0	405-040-6	0.31%	H319	N/A
3,7-Dimethyloctan-3-ol	N/A	78-69-3	201-133-9	0.2%	H315 H317 H319	N/A
2-ethyl-3-hydroxy-4-pyrone	N/A	4940-11-8	225-582-5	0.2%	H302	N/A
(Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one	N/A	81786-73-4	279-822-9	0.08%	H317 H411	N/A
Benzyl benzoate	N/A	120-51-4	204-402-9	0.06%	H302 H400 H411	N/A
Hexyl salicylate	N/A	6259-76-3	228-408-6	0.06%	H317 H361 H410	N/A
Benzyl Salicylate	N/A	118-58-1	204-262-9	0.04%	H317	N/A
Reaction mass of Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl- and 3-(2-ethylphenyl)-2,2-dimethylpropanal	N/A	67634-15-5, 67634-14-4	916-329-6, 266-819-2, 266-818-7	0.04%	H315 H317 H400 H411	N/A
Coumarin	N/A	91-64-5	202-086-7	0.02%	H302 H317	N/A

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3-p-cumenyl-2-methylpropionaldehyde	N/A	103-95-7	203-161-7	0.0099%	H315 H317 H412	N/A
Geranyl acetate	N/A	105-87-3	203-341-5	0.0099%	H315 H317 H412	N/A
3,7-Dimethylocta-2,6-dien-1-yl acetate	N/A	141-12-8	205-459-2	0.0097%	H315 H317	N/A
Tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran	N/A	16409-43-1	240-457-5	0.0097%	H315 H319 H361	N/A
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	N/A	1506-02-1	216-133-4	0.009%	H302	N/A
7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one	N/A	28940-11-6	249-320-4	0.0089%	H410	N/A
[3R-(3a,3ab,6a,7b,8aa)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene	N/A	67874-81-1	267-510-5	0.0087%	H317 H410	N/A
4-Methyldec-3-en-5-ol	N/A	81782-77-6	279-815-0	0.0082%	H400 H411	N/A
1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthalen-8(5H)-one	N/A	23787-90-8	245-890-3	0.0082%	H317 H411	N/A
2,6-dimethylhept-5-enal	N/A	106-72-9	203-427-2	0.0074%	H317	N/A
cis-hex-3-en-1-yl methyl carbonate	N/A	67633-96-9	266-797-4	0.0002%	H315 H317	N/A
Cinnamaldehyde	N/A	104-55-2	203-213-9	0.0002%	H315 H317 H319 H412	N/A

## Section 4 First aid measures

### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.1.1 In case of inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. Victim to lie down in the recovery position, cover and keep him warm. Call a physician immediately.

#### 4.1.2 In case of skin contact:

Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. Keep warm and in a quiet place. Call a physician or poison control center immediately. Wash contaminated clothing before re-use.

#### 4.1.3 In case of eyes contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or poison control centre immediately.

#### 4.1.4 In case of ingestion:

Call a physician or poison control centre immediately. Take victim immediately to hospital. If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Artificial respiration and/or oxygen may be necessary.

#### 4.2 Most important symptoms and effects, both acute and delayed:

Harmful if swallowed. Causes serious eye irritation.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

### Section 5 Firefighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing media:** Dry chemical, alcohol resistant foam or carbon dioxide, water spray.

**Unsuitable extinguishing media:** Water with full jet.

#### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions. - Hydrogen chloride gas, Calcium oxide and other toxic fumes.

#### 5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

### Section 6 Accidental release measures

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

**6.1.1 For non-emergency personnel:** Prevent further leakage or spillage if safe to do so. Keep away from Incompatible products.

**6.1.2 For emergency responders:** Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.

#### 6.2 Environmental precautions:

Should not be released into the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections:

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

### Section 7 Handling and storage

#### 7.1 Precautions for safe handling:

**7.1.1 Protective measures:** Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

**7.1.2 Advice on general occupational hygiene:** Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### 7.3 Specific end use(s):

Not applicable.

### Section 8 Exposure controls/personal protection

#### 8.1 Control parameters:

##### 8.1.1 Occupational exposure limits:

Country	Substance	EC No.	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
				ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	Note
Finland	(R)-p-mentha-1,	227-813-5	5989-27-5	25	140	50	280	-

	8-diene							
Ireland	Benzyl acetate	205-399-7	140-11-4	10	-	-	-	-
Belgium	Pin-2(10)-ene	204-872-5	127-91-3	20	-	-	-	-

**8.1.2 Additional exposure limits under the conditions of use:** Not available.

**8.1.3 DNEL/DMEL and PNEC-Values:** Not available.

## 8.2 Exposure controls:

**8.2.1 Appropriate engineering controls:** Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

**8.2.2 Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Safety glasses.

**Skin protection**

**Hand protection:** Wear appropriate protective gloves to prevent skin exposure.

**Body protection:** Wear suitable protective clothing to prevent skin exposure.

**Respiratory protection:** Suitable respiratory protective device recommended.

**Thermal hazards:** Wear suitable protective clothing to prevent heat.

**8.2.3 Environmental exposure controls:** Avoid discharge into the environment.  
According to local regulations, Federal and official regulations.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

<b>Physical state:</b>	solid
<b>Colour:</b>	White and yello mixed
<b>Odour:</b>	Orchid
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting point/freezing point (°C):</b>	Not available
<b>Boiling point or initial boiling point and boiling range (°C):</b>	Not available
<b>Flash point (°C):</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability limit - lower (%):</b>	Not available
<b>Flammability (gas, liquid, solid):</b>	Not available
<b>Ignition temperature (°C):</b>	Not available
<b>Lower and upper explosion limit:</b>	Not available
<b>Vapour pressure (20°C):</b>	Not available
<b>Relative vapour density:</b>	Not available
<b>Relative Density (g/cm<sup>3</sup>):</b>	Not available
<b>Bulk density (kg/m<sup>3</sup>):</b>	Not available
<b>Solubility in water (g/l, 20°C):</b>	Not available
<b>Solubility in other polar and non-polar solvents (g/l, 20°C):</b>	Not available
<b>Partition coefficient n-octanol/water (log Po/w, 20°C):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Kinematic viscosity (mm<sup>2</sup>/s):</b>	Not available

Particle characteristics:	Not applicable
Explosive properties:	Not available
Oxidising properties:	Not available
<b>9.2. Other information:</b>	
Fat solubility(solvent-oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water( pKa):	Not available
Oxidation-reduction Potential:	Not available

## Section 10 Stability and Reactivity

<b>10.1 Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>10.2 Chemical stability:</b>	Stable at room temperature in closed containers under normal storage and handling conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid:</b>	Incompatible materials. High temperatures. Proximity to sources of ignition.
<b>10.5 Incompatible materials:</b>	Strong oxidizing agents.
<b>10.6 Hazardous decomposition products:</b>	Hydrogen chloride gas, Calcium oxide.

## Section 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

<b>Acute toxicity:</b>	
<b>ATE<sub>mix</sub>(oral):</b>	Not available
<b>ATE<sub>mix</sub>(inhalation):</b>	Not available
<b>ATE<sub>mix</sub>(Dermal):</b>	Not available
<b>LD50(Oral, Rat):</b>	Not available
<b>LC50(Inhalation, Rat):</b>	Not available
<b>LD50(Dermal, Rabbit):</b>	Not available
<b>Skin corrosion/irritation:</b>	Not classified
<b>Serious eye damage/irritation:</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization:</b>	Not classified
<b>Germ cell mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
<b>STOT- single exposure:</b>	Not classified
<b>STOT-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not classified
<b>11.2 Information on other hazards</b>	
<b>Endocrine disrupting properties</b>	The mixture does not contain endocrine disruptor.
<b>Other information</b>	Not applicable

## Section 12 Ecological information

<b>12.1 Toxicity:</b>	
(E)-2-benzylideneoctanal (CAS: 165184-98-5)	
<b>Acute (short-term) toxicity:</b>	
<b>LC50(96h, Fish):</b>	ca. 1.7 mg/L

EC50(48h, Crustacea):	> 0.36 - < 0.59 mg/L
EC50(72h, Algae/aquatic plants):	> 0.065 mg/L
Chronic (long-term) toxicity:	
NOEC(Fish):	Not available
NOEC(Crustacea):	63 µg/L
NOEC (Algae/aquatic plants):	0.065 mg/L
12.2 Persistence and degradability:	Not available.
12.3 Bioaccumulative potential:	Not available.
12.4 Mobility in soil:	Not available.
12.5 Results of PBT and vPvB assessment:	The mixture does not contain PBT / vPvB substance.
12.6 Endocrine disrupting properties:	The mixture does not contain endocrine disruptor.
12.7 Other adverse effects:	Not available.
12.8 Additional information	Not available.

### Section 13 Disposal considerations

13.1 Waste treatment methods:	Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.
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### Section 14 Transport Information

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	No	No	No	No
14.6 Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
14.7 Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

### Section 15 Regulatory information

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

Relevant information regarding authorization:	Not applicable.
Relevant information regarding restriction:	Not applicable.
Other EU regulations:	Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.
Other National regulations:	Not applicable
15.2 Chemical Safety Assessment	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

## Section 16 Other information

### 16.1 Indication of changes:

Version 1.0 Amended by (EU) 2020/878, (EU) 2023/707

### 16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
IMDG: Code international maritime dangerous goods code  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
UFI: Unique Formula Identifier  
LC50: median lethal concentration  
EC50: The effective concentration of substance that causes 50% of the maximum response.  
NOEC: No Observed Effect Concentration  
DNEL: derived no-effect level  
PNEC: predicted no-effect concentration

### 16.3 Key literature references and sources for data

ECHA Registered substances data

### 16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008		Classification procedure
Acute Tox. 4	H302	Calculation method
Eye Irrit. 2	H319	Calculation method

### 16.5 Relevant H-statements (number and full text):

H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H317: May cause an allergic skin reaction.  
H361: Suspected of damaging fertility or the unborn child.  
H304: May be fatal if swallowed and enters airways.  
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.  
H412: Harmful to aquatic life with long lasting effects.

### 16.6 Training instructions:

Not applicable.

### 16.7 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

### 16.8 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make



independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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