

SAFETY DATA SHEET AIR ROOM CONDITIONER - TROPICAL FRESH

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Air Room Conditioner - Tropical Fresh

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

- Use of the substance/mixture: Air conditioner additive.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Dalesauna Ltd
- Address of Supplier: Jubilee Court, Copgrove
North Yorkshire, HG3 3TB
- Telephone: +44 (0)1423 798630
- Email: sales@dalesauna.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44(0)1423 798630

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Flam. Liq. 2, Aquatic Chronic 3

2.2 Label elements



GHS02



GHS07

- Signal Word: Danger

Hazard statements

- H225 - Highly flammable liquid and vapour.
- H317 - May cause an allergic skin reaction.
- H412 - Harmful to aquatic life with long lasting effects.
- EUH208 - Contains 2-Benzylideneoctanal. May produce an allergic reaction.

Precautionary statements

- P102 - Keep out of reach of children.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- Contains: Linalool
3,7-Dimethylocta-2,6-dien-1-ol
(E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ethanol

SECTION 3: Composition/information on ingredients (....)

CAS Number: 64-17-5
EC Number: 200-578-6
Concentration: 85-95%
Categories: Flam. Liq. 2
Symbols: GHS02
H Statements: H225

Linalool

CAS Number: 78-70-6
EC Number: 201-134-4
Concentration: 1-4%
Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B
Symbols: GHS07
H Statements: H317;H315;H319

2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol

CAS Number: 8000-41-7
EC Number: 232-268-1
Concentration: 1-4%
Categories: Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H315;H319

3,7-Dimethylocta-2,6-dien-1-ol

CAS Number: 106-24-1
EC Number: 203-377-1
Concentration: <0.5%
Categories: Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1
Symbols: GHS05
H Statements: H315;H317;H318

2-Benzylideneoctanal

CAS Number: 101-86-0
EC Number: 202-983-3
Concentration: <0.5%
Categories: Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2
Symbols: GHS07, GHS09
H Statements: H317;H400;H411

1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8octahydronaphthalen-2-yl)ethanone

CAS Number: 54464-57-2
EC Number: 259-174-3
Concentration: <0.5%
Categories: Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 1
Symbols: GHS07, GHS09
H Statements: H315;H317;H410

3,7-Dimethyloct-6-en-1-ol

CAS Number: 106-22-9
EC Number: 203-375-0
Concentration: <0.5%
Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B
Symbols: GHS07
H Statements: H315;H317;H319

3,7-Dimethylocta-2,6-dien-1-yl acetate

SECTION 3: Composition/information on ingredients (....)

CAS Number: 105-87-3
EC Number: 203-341-5
Concentration: <0.5%
Categories: Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3
Symbols: GHS07
H Statements: H315;H317;H412

Benzyl salicylate

CAS Number: 118-58-1
EC Number: 204-262-9
Concentration: <0.5%
Categories: Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3
Symbols: GHS07, GHS08
H Statements: H317;H319;H412

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.

Contact with eyes

Immediately rinse with water. Continue to rinse for at least 15 minutes. Obtain medical attention.

Contact with skin

Remove contaminated clothing. Rinse with water. Contact physician if discomfort continues.
If skin irritation or rash occurs: Get medical advice/attention.

Ingestion

DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately.

Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Vapour from this chemical can be hazardous when inhaled. May cause drowsiness and dizziness.
- Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
- Prolonged or repeated exposure may cause severe irritation. This product contains a material classified as a skin sensitiser.
- Irritating to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- Refer to section 4.1.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Carbon dioxide (CO₂). foam. Dry chemicals, sand, dolomite etc. Water spray.

5.2 Special hazards arising from the substance or mixture

- May emit toxic fumes if burnt
- Solvent vapours may form explosive mixtures with air.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.
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SECTION 6: Accidental release measures

SECTION 6: Accidental release measures (....)

Vapours may ignite

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable gloves and eye/face protection

6.2 Environmental precautions

- Do not allow to enter the surface water drain, sewers, or ground.

6.3 Methods and material for containment and cleaning up

- Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ensure good ventilation. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

6.4 Reference to other sections

- See section 8 for further information on personal protective equipment. See section 13 for disposal.
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Wear protective gloves/protective clothing/eye protection/face protection.
 - Wash contaminated clothing before reuse.
 - Dispose of contents/container to an authorised waste collection point
 - Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Provide good ventilation.
- Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool.
- Keep in cool, dry, ventilated storage and closed containers. Use flammable liquid storage requirements.

7.3 Specific end use(s)

- Air conditioner additive.
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Ethanol

WEL (long term): 1000 ppm (8 hour TWA)

8.2 Exposure controls

- Provide sufficient ventilation during operations which cause vapour formation.



Goggles



Gloves

- Ventilation: provide sufficient ventilation during operations which cause mist formation.
 - Respirators: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit (WEL).
 - Protective Gloves: Wear chemical resistant gloves.
 - Eye Protection: Wear approved chemical safety goggles / face protection.
 - Hygienic Work Practices: Wash at the end of each shift and before eating, smoking and using the toilet.
 - Wash promptly if skin becomes wet or contaminated.
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

SECTION 9: Physical and chemical properties (....)

- Physical state: Liquid
- Flashpoint: 13°C
- Colour: Green
- Odour: Alcohol odour
- Solubility in water: Miscible with water
- Boiling Point (°C, interval): 78-100
- Melting / Freezing Point: <0
- Density / Specific Gravity (g/ml): Approx. 0.9 @ 20°C
- Vapour Pressure: 5.8 kPa @ 20°C
- pH-Value, Conc. Solution: Approx. 8.0
- Autoignition Temperature: >200
- Lower explosive limit: 3.5% (in air)
- Upper explosive limit: 15% (in air)

9.2 Other information

- No additional information available.
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- No dangerous reactions known.

10.2 Chemical stability

- Normally stable.

10.3 Possibility of hazardous reactions

- Refer to section 10.1 on reactivity.

10.4 Conditions to avoid

- Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

- Strong acids. Strong alkalies. Strong oxidising agents.

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

- Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
 - INHALATION: Vapour from this chemical can be hazardous when inhaled. May cause drowsiness and dizziness.
 - INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
 - SKIN: Prolonged or repeated exposure may cause severe irritation. This product contains a material classified as a skin sensitiser.
 - EYES: Irritating to eyes.
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SECTION 12: Ecological information**12.1 Toxicity**

- Do not allow to enter soil, waterways or sewer. This product contains materials that are classified as dangerous for the environment.

12.2 Persistence and degradability

- No additional information available.

12.3 Bioaccumulative potential

- The product is not expected to bioaccumulate

SECTION 12: Ecological information (....)**12.4 Mobility in soil**

- Miscible in water.

12.5 Results of PBT and vPvB assessment

- No additional information available.

12.6 Other adverse effects

- No other effects known.
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.
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SECTION 14: Transport information**Flammable Liquid****14.1 UN number or ID number**

- UN No.: 1987

14.2 UN proper shipping name

- Proper Shipping Name: ALCOHOLS, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Contains: Ethanol
TRANS-BETA-OCIMENE

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging) Regulations (CHIP). European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS).

15.2 Chemical safety assessment

- Not required.
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and

SECTION 16: Other information (....)

vapour. 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. H412: Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves of such information for their own particular use.

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