

# SAFETY DATA SHEET

**Air Freshener**

**UNICARE (CHEMICALS) LTD**

## 1 Identification

**Product Identifier:**

**Air Freshener**

**Other means of identification:**

Not available

**Recommended use of the chemical and restriction on use:**

Air fragrance

**Supplier's details:**

Unicare (Chemicals) Ltd,  
Aradhippou Industrial Area, 7101, Larnaca-Cyprus

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**Emergency phone number**

1401

## 2 Hazard(s) identification

**Classification of the substance or mixture**

***According to regulation (EC) No 1272/2008 [CLP]***

Flammable liquids: Hazard Category 3

Serious Eye Damage / Irritation: Hazard Category 1

**GHS Label Element**



**Signal Word:**

**Danger**

**Hazard Statements:**

**H226** – Flammable liquid and vapor.

**H318** – Causes serious eye damage.

**Precautionary Statement**

**P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P233:** Keep container tightly closed.

**P240:** Ground/bond container and receiving equipment.

**P241:** Use explosion-proof electrical/ventilating/lighting/equipment.

**P243:** Take precautionary measures against static discharge.

**P264:** Wash your hands thoroughly after handling.

**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.

**P370 + P378:** In case of fire: Use pulverized water, foam, dry chemical & carbon dioxide for extinction.

**P403 + P235:** Store in a well-ventilated place. Keep cool.

**P501:** Dispose of contents/container to waste according to national / local regulations.

### Other hazards which do not result in classification

#### Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

## 3 Composition/information on ingredients

### Mixture

| Description  | - CAS Number<br>- EINECS Number<br>- Reach registration number | Concentration (% w/w) | Note / Classification  |
|--|--|-----------------------|--|
| Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) | - 68439-54-3<br>- 931-985-3<br>- N/A                           | 4 – 5                 | Eye Dam. 1, H318; Acute Tox. 4 H302  |
| Isopropyl alcohol                                      | - 67-63-0<br>- 200-661-7<br>- N/A                              | 10 – 11               | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336.   |
| Benzalkonium chloride                                  | - 68424-85-1<br>- 270-325-2<br>- N/A                           | 0.06 - 0.08           | Acute Tox. (oral) 4, H302; Acute Tox. (dermal) 4, H312; Skin corr. 1B, H314; Aquatic acute 1, H400 |

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

## 4 First-aid measures

### Description of first aid measures

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Immediately wash thoroughly with plenty of water, apply sterile dressings, and consult a skin specialist.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

### Most important symptoms/effects, acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5 Fire-fighting measures

### Extinguishing media

#### Flash Point & Method

None

#### Suitable Extinguishing Media

Pulverized water, foam, dry chemical & carbon dioxide

### Specific hazards arising from the chemical

Carbon monoxide, carbon dioxide, formaldehyde, as well as other toxic vapours and gases which are common to thermal degradation (in case of fire) of organic compounds.

### Special protective actions for fire-fighters

Wear self-contained breathing apparatus and full protective gear.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, Section 8.

### Environmental precautions

No special precautions required.

### Methods and materials for containment and cleaning up

For residues: Pick up with suitable absorbent material.

Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid the spillage or runoff entering drains, sewers or water courses. Flush away spillage with plenty of water.

Dispose of absorbed material in accordance with regulations.

For large amounts: Dike spillage. Pump off product.

## 7 Handling and storage

### Precautions for safe handling

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing.

Handle uncleaned empty containers as full ones.

Thoroughly clean/dry the installation before use.

Do not discharge the waste into the drain. Do not use compressed air for pumping over.

Use spark-/explosion proof appliances and lighting system.

Take precautions against electrostatic charges. Keep away from naked flames/heat.

Keep away from ignition sources/sparks.

Observe normal hygiene standards. Keep container tightly closed.

### Protection against fire and explosion

Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosion-proof appliances and lighting equipment. Keep containers closed.

### Conditions for safe storage, including any incompatibilities

Incompatible products: Strong acids. Strong oxidizers

Incompatible materials: Direct sunlight. Heat sources, sources of ignition

Heat-ignition: KEEP SUBSTANCE AWAY FROM: heat sources, ignition sources

**Storage stability:**

Store in a cool area. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing.

**Suitable materials for containers:**

Teflon, High density polyethylene (HDPE)

**Specific end use(s)**

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

**8 Exposure controls/personal protection****Control parameters****Ingredients with limit values that require monitoring at the workplace:**

| <b>Isopropyl alcohol (CAS:67-63-0)</b> |                                     |                       |
|--|-------------------------------------|-----------------------|
| ACGIH                                  | ACGIH TWA (ppm)                     | 200 ppm               |
| ACGIH                                  | ACGIH STEL (ppm)                    | 200 ppm               |
| OSHA                                   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 980 mg/m <sup>3</sup> |
| OSHA                                   | OSHA PEL (TWA) (ppm)                | 400 ppm               |

**ACGIH:** American Conference of Governmental Industrial Hygienists

**OSHA:** Occupational Safety and Health Administration

**TWA:** Time-Weighted Average concentration

**STEL:** Short Term Exposure Limit

**PEL:** Permissible Exposure Limit

**Appropriate engineering controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Personal protective equipment****Respiratory protection:**

Respiratory protection in case of vapour/aerosol release. (Particle filter EN 143 P2 or FFP2)

**Hand protection:**

Chemical resistant protective gloves. (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection:**

Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures**

Wearing of closed work clothing is required additionally to the stated personal protection equipment. No eating, drinking, smoking or tobacco use at the place of work.

Handle in accordance with good industrial hygiene and safety practice.

## 9 Physical and chemical properties

### Physical and chemical properties

#### General Information

- **Appearance:**
  - Form:** Liquid
  - Colour:** Clear transparent
- **Odour:** Characteristic (Dewberry)
- **Odour threshold:** Not determined
- **pH-value:** 7.0 – 8.0
- **Specific gravity:** 0.90 – 0.91
- **Change in condition**
  - Melting point/Melting range:** Not determined
  - Boiling point/Boiling range:** Not determined
- **Flash point:** Not determined
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapour pressure at 20 °C:** Not determined
- **Density at 20 °C:** Not determined
- **Solubility in / Miscibility with water:** slight or no miscible with water
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
  - Dynamic:** Not determined
  - Kinematic:** Not determined

## 10 Stability and reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

No specific test data related to reactivity available for this product or its ingredients.

### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

### Conditions to avoid

See SDS Section 7 - Handling and storage.

### Incompatible materials

Substances to avoid:

Avoid contact with oxidising agents (e.g. nitric acid, peroxides and chromates).

Strong acids

## Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

In case of fire: carbon dioxide, carbon monoxide

## 11 Toxicological information

**The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.**

### Toxicological (health) effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Assessment: Cause serious eye damage.

**Respiratory or skin sensitisation:** Assessment: Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Assessment: Based on available data, the classification criteria are not met.

**Carcinogenicity:** Assessment: Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Assessment: Based on available data, the classification criteria are not met.

**STOT-single exposure:** Assessment: Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Assessment: Based on available data, the classification criteria are not met.

**Aspiration hazard:** Assessment: No aspiration hazard expected.

**Symptoms related to the physical, chemical and toxicological characteristics:** Not available data.

**Numerical measures of toxicity (such as acute toxicity estimates):** Not available data.

### **Toxicological Data: Isopropyl Alcohol (2-Propanol) (CAS: 67-63-0)**

LD<sub>50</sub> oral rat:

5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg body weight; Rat)

LD<sub>50</sub> dermal rabbit:

12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)

LC<sub>50</sub> inhalation rat (mg/l):

73 mg/l/4h (Rat)

ATE US (oral):

5045.000 mg/kg body weight

ATE US (dermal):

12870.000 mg/kg body weight

ATE US (vapors):

73.000 mg/l/4h

ATE US (dust, mist):

73.000 mg/l/4h

### **Toxicological Data: Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) (CAS: 68439-54-3)**

Acute oral toxicity:

LD50 Rat: > 300 - 2.000 mg/kg; Assessment: harmful if swallowed.

Acute dermal toxicity:

LD50 Rat: > 2.000 mg/kg; Assessment: the classification

|  |  |
|--|--|
|  | criteria are not met   |
| Skin corrosion / irritation<br>Skin irritation:      | Rabbit: not irritating; Assessment: the classification criteria are not met                    |
| Serious eye damage/eye irritation<br>Eye irritation: | Rabbit: highly irritating; Assessment: Causes serious eye damage.                              |
| Respiratory or skin Sensitisation:                   | Guinea pig: not sensitizing; Assessment: the classification criteria are not met.              |
| Germ cell mutagenicity /<br>Genotoxicity in vitro:   | Ames test; Salmonella typhimurium; assessment: the classification criteria are not met.        |
| Carcinogenicity:                                     | No available data.   |
| Reproductive toxicity:                               | No available data.   |
| Teratogenicity:                                      | No available data.   |
| STOT - single exposure:                              | The substance or mixture is not classified as specific target organ toxicant, single exposure. |
| STOT - repeated exposure:                            | No available data.   |
| Aspiration hazard:                                   | Not applicable.  |
| Toxicological information:                           | No available data.   |

**Toxicological Data: Benzalkonium chloride (CAS: 68424-85-1)**

Acute toxicity LD50 Oral

Mouse - 150 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity). Blood: Hemorrhage.

LD50 Dermal

Rat - 1.420 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity). Blood: Hemorrhage

## 12 Ecological information

**Toxicity:**

**Eco toxicity**

No relevant information available.

**Persistence and Degradability**

No relevant information available.

**Bioaccumulation**

No relevant information available.

**Mobility in soil**

No relevant information available.

**Other Adverse Effects**

No data available.

**Ecological Data: Isopropyl Alcohol (2-Propanol) (CAS: 67-63-0)**

LC50 fish 1:

4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)

EC50 Daphnia 1:

> 10000 mg/l (48 h; Daphnia magna)

LC50 fish 2:

9640 mg/l (96 h; Pimephales promelas; Lethal)

EC50 Daphnia 2:

13299 mg/l (48 h; Daphnia magna)

Threshold limit algae 1:

> 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)

Threshold limit algae 2:

1800 mg/l (72 h; Algae; Cell numbers)

**Ecological Data: Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) (CAS: 68439-54-3)**

Toxicity to fish :

EC50 > 1-10 mg/l (96 h; Cyprinus carpio; Flow-through system)

Toxicity to Daphnia:

EC50 > 1 - 10 mg/l (48 h; Daphnia magna)

Toxicity to invertebrates:

EC50 > 1 - 10 mg/l (72 h, Desmodesmus subspicatus)

Toxicity to microorganisms:

EC10 > 10.000 mg/l (Pseudomonas putida: ISO 10712)

Toxicity to aquatic plants:

NOEC: 100 mg/kg (Triticum aestivum, Lepidium sativum, Brassica alba)

**Ecological Data: Benzalkonium chloride (CAS: 68424-85-1)**

Toxicity to fish:

mortality LOEC - Oncorhynchus kisutch - 17,8 mg/l - 3,0 d

LC<sub>50</sub> - Lepomis macrochirus - 0,31 mg/l - 96,0 h

mortality NOEC - Oncorhynchus kisutch - 10 mg/l - 3,0 d

## 13 Disposal considerations

### Disposal methods

The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

## 14 Transport information

**UN Number: ADR/RID, IMDG, IATA:** Not applicable

**UN Proper Shipping Name: ADR/RID, IMDG, IATA:** Flammable liquid (isopropanol (isopropyl alcohol))

**Transport hazard class(es):** 3

**Packing group, if applicable:** III

**Environmental hazards:** None

**Special precaution for user:** Flammable (see section 3)



Transport in bulk according to Annex II of Marpol 73/78 and the IBCcode: Not applicable.

## 15 Regulatory information

### Safety, health and environmental regulations specific for the product in question

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I:** None of the ingredients is listed.

### Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## 16 Other information

### Other Information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Abbreviations and acronyms:**

**ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**DNEL:** Derived No-Effect Level

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

**IATA:** International Air Transport Association

**IMDG:** International Maritime Code for Dangerous Goods

**PBT:** Persistent, Bioaccumulative and Toxic

**PNEC:** Predicted No-Effect Concentration

**VOC:** Volatile Organic Compounds (USA, EU)

**vPvB:** very Persistent and very Bioaccumulative

**H225:** Highly flammable liquid and vapor.

**H302:** Harmful if swallowed.

**H312:** Harmful in contact with skin.

**H314:** Causes severe skin burns and eye damage.

**H315:** Causes skin irritation.

**H318:** Causes serious eye damage.

**H319:** Causes serious eye irritation.

**H336:** May cause drowsiness or dizziness.

**H400:** Very toxic to aquatic life.

**H410:** Very toxic to aquatic with long lasting effects.

**Flam. Liq. 2:** Flammable liquid; Hazard Category 2

**Acute Tox. (oral) 4:** Acute oral toxicity; Hazard Category 4

**Acute Tox. (dermal) 4:** Acute dermal toxicity; Hazard Category 4

**Skin Corr. 1B:** Skin corrosion/irritation; Hazard Category 1B

**Skin Irrit. 2:** Skin corrosion/irritation, Hazard Category 2

**Eye Dam. 1:** Serious eye damage/eye irritation, Hazard Category 1

**Eye Irrit. 2:** Serious eye damage/eye irritation, Hazard Category 2

**STOT SE 3:** Specific target organ toxicity - Single exposure, Hazard Category 3

**Aquatic Chronic 1:** Long-term aquatic hazard; Hazard Category 1

**Aquatic Acute 1:** Acute aquatic hazard; Hazard Category 1