

AREON KEN LEMON - AK06, AKB05



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : AREON KEN LEMON

Product code : AK06, AKB05.

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

AIR FRESHENER

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

Registered company name : BALEV CORPORATION EOOD.

Address : 260, BLVD VLADISLAV VARNENCHIK.9000.VARNA.BULGARIA.

Telephone : +35929502000. Fax : +35929502002.

office@areon-fresh.com

www.areon-fresh.com

#### 1.4. Emergency telephone number : 112.

Association/Organisation : NA.

### SECTION 2 : HAZARDS IDENTIFICATION

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

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1B (Skin Sens. 1B, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### 2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS09



GHS07

Signal Word :

WARNING

Product identifiers :

|              |                           |
|--------------|---------------------------|
| 601-029-00-7 | (R)-P-MENTHA-1,8-DIENE    |
| EC 204-262-9 | BENZYL SALICYLATE         |
| EC 202-983-3 | ALPHA-HEXYLCINNAMALDEHYDE |
| EC 203-377-1 | GERANIOL                  |
| EC 203-375-0 | DL-CITRONELLOL            |
| EC 236-719-3 | DELTA-3-CARENE            |
| EC 203-378-7 | NEROL                     |
| EC 203-376-6 | CITRONELLAL               |

Hazard statements :

|      |                                                  |
|------|--------------------------------------------------|
| H317 | May cause an allergic skin reaction.             |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements - General :

|      |                                                                       |
|------|-----------------------------------------------------------------------|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.                                        |
| P103 | Read label before use.                                                |

Precautionary statements - Prevention :

|      |                                   |
|------|-----------------------------------|
| P273 | Avoid release to the environment. |
|------|-----------------------------------|

Precautionary statements - Response :

|             |                                           |
|-------------|-------------------------------------------|
| P302 + P352 | IF ON SKIN: Wash with plenty of water/... |
|-------------|-------------------------------------------|

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P333 + P313

If skin irritation or rash occurs: Get medical advice/attention.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures****Composition :**

| Identification                                                                       | (EC) 1272/2008                                                                                                                                                                    | Note | %                   |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|
| CAS: 18479-58-8<br>EC: 242-362-4<br><br>DIHYDROMYRCENOL                              | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                                                                                                                         |      | 2.5 $\leq$ x % < 10 |
| CAS: 100-51-6<br>EC: 202-859-9<br><br>BENZYL ALCOHOL                                 | GHS07<br>Wng<br>Acute Tox. 4, H332<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319                                                                                                    |      | 0 $\leq$ x % < 2.5  |
| INDEX: 601-029-00-7<br>CAS: 5989-27-5<br>EC: 227-813-5<br><br>(R)-P-MENTHA-1,8-DIENE | GHS02, GHS07, GHS09<br>Wng<br>Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | [1]  | 0 $\leq$ x % < 2.5  |
| CAS: 8000-41-7<br>EC: 232-268-1<br><br>TERPINEOL                                     | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315                                                                                                                         |      | 0 $\leq$ x % < 2.5  |
| CAS: 118-58-1<br>EC: 204-262-9<br><br>BENZYL SALICYLATE                              | GHS09, GHS07<br>Wng<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                                                                                              |      | 0 $\leq$ x % < 2.5  |
| CAS: 61792-11-8<br>EC: 263-214-5<br><br>3,7-DIMETHYL-2,6-NONADIENENITRILE            | GHS09<br>Aquatic Chronic 2, H411                                                                                                                                                  |      | 0 $\leq$ x % < 2.5  |
| CAS: 101-86-0<br>EC: 202-983-3<br><br>ALPHA-HEXYLCINNAMALDEHYDE                      | GHS07, GHS09<br>Wng<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411<br>Aquatic Acute 1, H400<br>M Acute = 1                                                                     |      | 0 $\leq$ x % < 2.5  |
| CAS: 106-24-1<br>EC: 203-377-1<br><br>GERANIOL                                       | GHS05, GHS07<br>Dgr<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318                                                                                              |      | 0 $\leq$ x % < 2.5  |
| CAS: 106-22-9<br>EC: 203-375-0<br><br>DL-CITRONELLOL                                 | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317                                                                                                  |      | 0 $\leq$ x % < 2.5  |
| CAS: 13466-78-9<br>EC: 236-719-3<br><br>DELTA-3-CARENE                               | GHS08, GHS02, GHS07<br>Dgr<br>Asp. Tox. 1, H304<br>Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317                                                               | [1]  | 0 $\leq$ x % < 2.5  |

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|                                                                                                                                       |                                                                                                  |     |                |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|----------------|
| CAS: 128-37-0<br>EC: 204-881-4<br><br>BUTYLATED HYDROXYTOLUENE                                                                        | GHS09<br>Wng<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | [1] | 0 <= x % < 2.5 |
| INDEX: 603-212-00-7<br>CAS: 1222-05-5<br>EC: 214-946-9<br><br>1,3,4,6,7,8-HEXAHYDRO-<br>4,6,6,7,8,8-HEXAMETHYL-<br>INDENO[5,6-C]PYRAN | GHS09<br>Wng<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 |     | 0 <= x % < 2.5 |
| CAS: 106-25-2<br>EC: 203-378-7<br><br>NEROL                                                                                           | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317                 |     | 0 <= x % < 2.5 |
| CAS: 106-23-0<br>EC: 203-376-6<br><br>CITRONELLAL                                                                                     | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319                 |     | 0 <= x % < 2.5 |

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures****In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO2)

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**5.3. Advice for firefighters**

No data available.

**SECTION 6 : ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

**6.2. Environmental precautions**

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Retrieve the product by mechanical means (sweeping/vacuuming).

**6.4. Reference to other sections**

No data available.

**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep out of reach of children.

Do not store below 5 degrees C and above 30 degrees C

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS        | TWA :         | STEL : | Ceiling : | Definition : | Criteria : |
|------------|---------------|--------|-----------|--------------|------------|
| 13466-78-9 | 20 ppm        |        |           | SEN; A4      |            |
| 128-37-0   | 2 (IFV) mg/m3 |        |           | A4           |            |

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

| CAS       | VME : | VME :             | Excess | Notes  |
|-----------|-------|-------------------|--------|--------|
| 5989-27-5 |       | 5 ppm<br>28 mg/m3 |        | 4(II)  |
| 128-37-0  |       | 10 E mg/m3        |        | 4 (II) |

- France (INRS - ED984 :2012) :

| CAS      | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 128-37-0 | -         | 10          | -         | -           | -       | -        |

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

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| CAS      | TWA :    | STEL : | Ceiling : | Definition : | Criteria : |
|----------|----------|--------|-----------|--------------|------------|
| 128-37-0 | 10 mg/m3 |        |           |              |            |

**8.2. Exposure controls****- Eye / face protection**

Avoid contact with eyes.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****General information :**

Physical state : Solid.

**Important health, safety and environmental information**

pH : Not relevant.  
Boiling point/boiling range : Not specified.  
Flash point interval : Not relevant.  
Vapour pressure (50°C) : Not relevant.  
Density : Not stated.  
Water solubility : Insoluble.  
Melting point/melting range : Not specified.  
Self-ignition temperature : Not specified.  
Decomposition point/decomposition range : Not specified.

**9.2. Other information**

No data available.

**SECTION 10 : STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials****10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

May cause an allergic reaction by skin contact.

**11.1.1. Substances****Acute toxicity :**

CITRONELLAL (CAS: 106-23-0)  
Oral route : LD50 = 2500 mg/kg

NEROL (CAS: 106-25-2)  
Oral route : LD50 = 4500 mg/kg

DELTA-3-CARENE (CAS: 13466-78-9)  
Oral route : LD50 = 4800 mg/kg

DL-CITRONELLOL (CAS: 106-22-9)  
Oral route : LD50 = 3450 mg/kg

Dermal route : LD50 = 2650 mg/kg

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GERANIOL (CAS: 106-24-1)

Oral route : LD50 = 3600 mg/kg

ALPHA-HEXYLCINNAMALDEHYDE (CAS: 101-86-0)

Oral route : LD50 = 3100 mg/kg

3,7-DIMETHYL-2,6-NONADIENENITRILE (CAS: 61792-11-8)

Oral route : LD50 = 2600 mg/kg

TERPINEOL (CAS: 8000-41-7)

Oral route : LD50 = 4300 mg/kg

BENZYL ALCOHOL (CAS: 100-51-6)

Oral route : LD50 = 1620 mg/kg

DIHYDROMYRCENOL (CAS: 18479-58-8)

Oral route : LD50 = 3600 mg/kg

**11.1.2. Mixture**

No toxicological data available for the mixture.

**SECTION 12 : ECOLOGICAL INFORMATION**

Toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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## SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2016).

**14.1. UN number**

3077

**14.2. UN proper shipping name**

UN3077=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(3,7-dimethyl-2,6-nonadienenitrile)

**14.3. Transport hazard class(es)**

- Classification :  
9

**14.4. Packing group**

III

**14.5. Environmental hazards**

- Environmentally hazardous material :

**14.6. Special precautions for user**

Land transport (ADR/RID) exception: NOT RESTRICTED as per Special Provisions 375/ADR 2015. These substances are carried in combination packaging containing a net quantity per inner packaging of 5kg(l) or less and are not subject to any other provisions of ADR. The packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Sea transport (IMDG) exception: NOT RESTRICTED as per 2.10.2.7/IMDG code 37-14. These substances are carried in combination packaging containing a net quantity per inner packaging of 5kg(l) or less and are not subject to any other provisions of IMDG code. The packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Air transport (IATA) exception: NOT RESTRICTED as per Special Provisions A197/DGR 2015. These substances are carried in combination packaging containing a net quantity per inner packaging of 5kg(l) or less and are not subject to any other provisions of these Regulations. The packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ   | Provis.         | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|------|-----------------|----|------|--------|
|         | 9     | M7   | III      | 9     | 90     | 5 kg | 274 335 375 601 | E1 | 3    | E      |

Not subject to this regulation if Q ≤ 5 l / 5 kg (ADR 3.3.1 - DS 375)

| IMDG | Class | 2°Label | Pack gr. | LQ   | EMS     | Provis.     | EQ |
|------|-------|---------|----------|------|---------|-------------|----|
|      | 9     | -       | III      | 5 kg | F-A,S-F | 274 335 969 | E1 |

Not subject to this regulation if Q ≤ 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo  | note                        | EQ |
|------|-------|---------|----------|----------|----------|-------|--------|-----------------------------|----|
|      | 9     | -       | III      | 956      | 400 kg   | 956   | 400 kg | A97<br>A158<br>A179<br>A197 | E1 |
|      | 9     | -       | III      | Y956     | 30 kg G  | -     | -      | A97<br>A158<br>A179<br>A197 | E1 |

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

No data available.

## SECTION 15 : REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

**- Container information:**

The mixture is contained in packaging that does not exceed 125 ml.

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**- Particular provisions :**

No data available.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

|      |                                                       |
|------|-------------------------------------------------------|
| H226 | Flammable liquid and vapour.                          |
| H302 | Harmful if swallowed.                                 |
| H304 | May be fatal if swallowed and enters airways.         |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H332 | Harmful if inhaled.                                   |
| 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.      |

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.