

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.03.2010

Revision: 23.03.2010

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Lemon Lime 896775 Mixed Naturals 2009
- **Application of the substance / the preparation** Air freshener
- **Manufacturer/Supplier:**
Saxon
Everland Road
Hungerford
Berkshire
United Kingdom
- Tel.: 0044 1488 689400
Fax.: 0044 1488 684317
- **Further information obtainable from:** chemical-safety@oprina.ch
- **Information in case of emergency:** 0870 600 6266 (UK National Poisons Emergency Number)

2 Hazards identification

- **Hazard description:**



Xi Irritant
N Dangerous for the environment

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 38 Irritating to skin.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 5392-40-5 EINECS: 226-394-6	Citral	Xi; R 38-43	25-50%
CAS: 138-86-3 EINECS: 205-341-0	limonene	Xi, N; R 10-38-43-50/53	25-50%
CAS: 112-31-2 EINECS: 203-957-4	decanal	Xi; R 38-52/53	10-25%
CAS: 78-70-6 EINECS: 201-134-4	Linalool	Xi; R 38	2.5-5%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol	Xi; R 38-41-43	2.5-5%
CAS: 98-55-5 EINECS: 202-680-6	p-menth-1-en-8-ol	Xi; R 38	1-2.5%
CAS: 68956-56-9	Terpinolene	Xi, N; R 10-38-43-50/53	1-2.5%

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CAS: 106-23-0	Citronellal	 Xi,  N; R 38-43-51/53	≤ 1%
CAS: 112-54-9 EINECS: 203-983-6	dodecanal	 Xi,  N; R 38-51/53	≤ 1%
CAS: 128-37-0 EINECS: 204-881-4	2,6-di-tert-butyl-p-cresol	 N; R 50/53	≤ 1%
CAS: 142-92-7 EINECS: 205-572-7	hexyl acetate	 N; R 10-51/53	≤ 1%
CAS: 123-68-2 EINECS: 204-642-4	allyl hexanoate	 Xn,  Xi,  N; R 21/22-38-51/53	≤ 1%
CAS: 104-67-6	gamma-Undecalactone	 N; R 51/53	≤ 1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.

· **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.

- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

· **Handling:**

· **Information for safe handling:** No special measures required.

· **Information about fire - and explosion protection:** No special measures required.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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· Ingredients with limit values that require monitoring at the workplace:
128-37-0 2,6-di-tert-butyl-p-cresol ($\leq 1\%$)
WEL Long-term value: 10 mg/m ³

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

9 Physical and chemical properties

· **General Information**

Form:	Solid
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Solubility in / Miscibility with water:**

Insoluble.

· **Solvent content:**

Organic solvents: 25.8 %

VOCV (CH) 0.00 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

128-37-0 2,6-di-tert-butyl-p-cresol

Oral LD50 890 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **General notes:**

Do not allow product to reach ground water, water course or sewage system.
Very toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 9 Miscellaneous dangerous substances and articles.
- **Danger code (Kemler):** 90
- **UN-Number:** 3077
- **Packaging group:** III
- **Hazard label:** 9
- **Special marking:** Symbol (fish and tree)

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· **Description of goods:** 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, Terpinolene)

· **Maritime transport IMDG:**



· **IMDG Class:** 9
 · **UN Number:** 3077
 · **Label** 9
 · **Packaging group:** III
 · **EMS Number:** F-A,S-F
 · **Marine pollutant:** Yes
 Symbol (fish and tree)
 · **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, Terpinolene)

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 9
 · **UN/ID Number:** 3077
 · **Label** 9
 · **Special marking:** Symbol (fish and tree)
 · **Packaging group:** III
 · **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, Terpinolene)

· **Transport/Additional information:**

This product is not subject to the requirements of ADR nor IMDG due to special provision N°335 applicable to small quantities of UN 3077.

15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.

· **Code letter and hazard designation of product:**

Xi Irritant

N Dangerous for the environment

· **Hazard-determining components of labelling:**

Citral

limonene

Geraniol

Terpinolene

Citronellal

· **Risk phrases:**

38 Irritating to skin.

43 May cause sensitisation by skin contact.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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· Safety phrases:

- 2 Keep out of the reach of children.
- 24 Avoid contact with skin.
- 46 If swallowed, seek medical advice immediately and show this container or label.

16 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.

· Relevant R-phrases

- 10 Flammable.
- 21/22 Harmful in contact with skin and if swallowed.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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