



# MATERIAL SAFETY DATA SHEET

## According to 2001/58EC

Page : 1

Revised edition no : 1

Date : 29 / 5 / 2007

Supersedes : 0 / 0 / 0

**Air freshener Lemon Tree****ECOVER37**

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

**Trade name** : Air freshener Lemon Tree  
**Type of product** : Liquid.  
**Company identification** : ECOVER BELGIUM NV  
Industrieweg 3  
2390 Malle Belgique-Belgie

**For more information please contact:** : sds@ecover.com  
**Phone** : +32 (0)3 309 25 00  
**Fax** : +32 (0)3 311 72 70  
**Emergency phone nr** : +32 (0)70 245 245 (Antipoison Centre Belgium)  
**Responsible for placing on the market** : See address above.

### 2. HAZARDS IDENTIFICATION

**Hazards identification** : According to the Preparation Directive 1999/45/EC this product is classified as:  
Flammable.  
May cause sensitization by skin contact.

**Risk Phrases** : R11 : Highly flammable. - R43 : May cause sensitization by skin contact.

**Symptoms relating to use**

- **Inhalation** : None under normal conditions.
- **Skin contact** : May cause sensitization by skin contact.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Headache.  
Dizziness.  
Drowsiness.

**Fire hazard** : Highly flammable.  
Above flashpoint (see §9) explosive vapour/air mixtures may be formed.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / Preparation** : Preparation.

**Components** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethanol	: Between 30 and 100 %	64-17-5	200-578-6	603-002-00-5	F; R11
Citrus Medica Limonum (Lemon) Extract	: Between 1 and 5 %	84929-31-7	284-515-8	-----	R10 Xn; R65
Bergamot oil	: Between 0.1 and 1 %	8007-75-8	289-612-9	-----	Xn; R65 Xi; R38 R43
Lemongrass oil	: Between 0.1 and 1 %	8007-02-1	289-752-0	-----	Xn; R65 Xi; R36/37/38
Orange oil	: Between 0.1 and 1 %	8028-48-6	232-433-8	-----	R10 Xn; R65 Xi; R36/37/38

**INCI** : ALCOHOL  
CITRUS LIMONUM  
CITRUS BERGAMIA  
CYMBOPOGEN CITRATUS  
CITRUS DULCIS

**Air freshener Lemon Tree****ECOVER37****4. FIRST AID MEASURES****First aid measures**

- **Inhalation** : Assure fresh air breathing.  
Allow the victim to rest.  
Seek medical attention if ill effect develops.
- **Skin contact** : Rinse affected area thoroughly with water to remove concentrated product.  
Remove contaminated clothing.  
Seek medical attention if ill effect or irritation develops.
- **Eye contact** : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.
- **Ingestion** : Rinse mouth.  
Seek medical advice.
- Note to physician** : No specific recommendations.
- Workplace equipment** : No specific recommendations.

**5. FIRE-FIGHTING MEASURES****Extinguishing media**

- **Suitable extinguishing media** : Alcoholresistant foam.  
Powder.  
Carbon dioxide.
- **Unsuitable extinguishing media** : None.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.  
Exercise caution when fighting any chemical fire.  
See Heading 8.
- Special procedures** : Use water spray or fog for cooling exposed containers.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Avoid contact with skin and eyes.  
Equip cleanup crew with proper protection.  
See Heading 8.
- Environmental precautions** : Avoid release to the environment.
- Clean up methods** : Collect leakage in non-lockable container. Absorb spillage with sand or inert material and transfer to a safe area and dispose of as chemical waste. If desired rinse remainder with water.

**7. HANDLING AND STORAGE**

- Protection against fire** : Keep away from sparks, open fire and oxidising agents. Above flashpoint (see §9) closed equipment, ventilation, explosion safe electrical equipment.  
When using do not smoke.
- Storage** : Keep away from:  
Oxidizing agent.  
Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight.  
Keep out of the reach of children.
- Handling** : Avoid contact with skin and eyes.

**Air freshener Lemon Tree****ECOVER37****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection**

- **Skin protection** : Wear waterproof gloves when taking up intensively material which is accidentally released. Persons with a sensitive skin are also recommended to wear waterproof gloves.
- **Eye protection** : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.
- **Respiratory protection** : Ensure sufficient ventilation. When exposed to high vapor concentrations wear a respirator for organic vapors (type A).

**Environment protection see § 6**

- Occupational Exposure Limits** : Ethanol : MAC [mg/m<sup>3</sup>] : 1900  
Ethanol : MAC [ppm] : 1000

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C** : Liquid.
- Colour** : Colourless.
- Odour** : Lemon.
- Flash point [°C]** : 12
- Explosion limits** : Above flashpoint (see §9) explosive vapour/air mixtures may be formed.
- Oxidising properties** : None.

**10. STABILITY AND REACTIVITY**

- Stability and reactivity** : No decomposition under normal conditions of storage and use.
- Conditions to avoid** : Do not store above flashpoint.
- Materials to avoid** : Reacts violently with strong oxidising agents, causing fire and explosion hazard.
- Hazardous decomposition products** : None under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

- Skin irritation (RBC test: Denaturation Index) (ppm)** : No data available.
- Eye irritatie (RBC test: Mean Indices Ocular Irritancy)** : No data available.
- Evaluation of the security for the human health**
- **Dermal** : Not or only slightly irritant due to the composition.
- **Ocular** : Not or only slightly irritant due to the composition.
- **Ingestion** : No data available.
- Sensitization** : May cause sensitization by skin contact.

**12. ECOLOGICAL INFORMATION**

- Ecological effects information**
- Biodegradation [%] Sapromat respirometry test (OECD 301 F)** : No data available.
- EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)** : No data available.
- 48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : No data available.


**Air freshener Lemon Tree**

**ECOVER37**

**13. DISPOSAL CONSIDERATIONS**

- General** : Dispose in a safe manner in accordance with local/national regulations.
- Product** : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).
- Packaging** : The empty packaging should be disposed of chemical waste according to national or local waste legislation. Empty, cleaned packaging is not subject to ADR.

**14. TRANSPORT INFORMATION**

- UN No.** : 1993
- H.I. nr** : 33
- Class** : 3
- Packing group** : II
- Land transport**
- ADR/RID** : Group : II  
 Class : 3  
 Special provision : 640D
- Proper shipping name** : FLAMMABLE LIQUID, N.O.S. (Ethanol)
- Labelling ADR**
- 
- Limited Quantity** : LQ 4
- Additional information** : None.
- Emergency action in case of accident** : Mark roads and warns other road users.
- In case of spillage and/or leakage** : Clean up even minor leaks or spills if possible without unnecessary risk.
- Personal precautions** : The driver shall not attempt to deal with any fire of the load.
- Sea transport**
- EMS-Nr** : F-E, S-E
- IMDG-Marine pollution** : No.

**15. REGULATORY INFORMATION**

**Symbol(s)**



: F : Highly flammable  
 Xi : Irritant

**R Phrase(s)**

: R11 : Highly flammable.  
 R43 : May cause sensitization by skin contact.

**S Phrase(s)**

: S2 : Keep out of the reach of children.  
 S16 : Keep away from sources of ignition - No smoking.  
 S24/25 : Avoid contact with skin and eyes.  
 S46 : If swallowed seek medical advice immediately and show this container or label.



# MATERIAL SAFETY DATA SHEET

## According to 2001/58EC

Page : 5

Revised edition no : 1

Date : 29 / 5 / 2007

Supersedes : 0 / 0 / 0

**Air freshener Lemon Tree****ECOVER37**

### 16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 2)**: R10 : Flammable.  
R11 : Highly flammable.  
R36/37/38 : Irritating to eyes, respiratory system and skin.  
R38 : Irritating to skin.  
R43 : May cause sensitization by skin contact.  
R65 : Harmful : may cause lung damage if swallowed.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.  
Chemiekaarten, 21th edition, 2006, ed. MIA, VMCI, Samson.
- Revision** : First version of this MSDS in this new format.
- Print date** : 21 / 8 / 2007

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**