

# Fresh Essence

## Deodorizer for dishwasher - LIME

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Commercial name : **Fresh Essence Deodorizer for dishwasher - LIME**  
 Model : **CPO2002-L**

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

Uses consumer [SU21], Uses professional [SU22] : **Solid freshener for dishwashers.**  
 Uses advised against : **All those not specifically identified on the label**

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

**GBCHEM srl** – Via Santa Eufemia, 8 - 25040 CORTE FRANCA (BS) - ITALIA  
 tel. +39 3464232984

e-mail competent person: [gbchemsrl@yahoo.it](mailto:gbchemsrl@yahoo.it)

#### 1.4. Emergency telephone number

+39 3464232984 (from 08,30 to 12,30 - from 14,00 to 18,00)

### 2. Hazards identification

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

##### 2.1.1 Classification according to Regulation (EC) No 1272/2008:

**Pictograms** : GHS07, GHS09  
**Class codes and hazard category** : Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2  
**Codes Hazard** : H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H411 - Toxic to aquatic life with long lasting effects.

##### 2.1.2 Adverse effects:

The product, if brought into contact with the skin it causes significant inflammation with erythema, scabs, and edema. The product, if brought into contact with the skin may cause skin sensitization. The product is hazardous for the environment because toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008:

In accordance CLP Article 23 (d) and section 1.3.4 of Annex I to CLP, the mass of PE does not require labelling.

In order to communicate the dangers to the downstream user, who does not receive the SDS, information is given on the outer package:



Do not open the plastic cage containing deodorant product as contact with the skin, it may cause significant inflammation with erythema, scabs, and edema. Fragrances can cause skin sensitization. The fragrances are hazardous to the environment because toxic to aquatic life with long lasting effects, no release to the environment and dispose of the product / container to an authorized collection point.

Contains: d-limonene

#### 2.3. Other hazards

Data not available.

### 3. Composition/information on ingredients

#### 3.1. Substances

Not applicable.

#### 3.2. Mixtures

Refer to section 16 for full text of hazard statements.

Substance	Concentration	Classification	CAS	EINECS	REACH
Limonene	≥ 10 < 20%	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410	5989-27-5	227-813-5	01-2119529223-47
Citral	≥ 1 < 3%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319	5392-40-5	226-394-6	01-2119462829-23
Terpineolo.	≥ 1 < 3%	Skin Irrit. 2, H315; Eye Irrit. 2, H319	8000-41-7	232-268-1	01-2119553062-49
Linalool	≥ 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319	78-70-6	201-134-4	01-2119474016-42
pin-2(10)-ene	≥ 0,1 < 1%	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	127-91-3	204-872-5	01-2119519230-54

### 4. First aid measures

#### 4.1. Description of first aid measures

##### Inhalation

Given the specificity of the product and the small amount of substances present in the article, they do not have conditions requiring first aid measures.

##### Direct contact with the skin (of the pure product)

Rinse immediately with plenty of soap and water areas of the body that have come into contact with the product, only even suspected.

##### Direct contact with the eyes (of the pure product)

Given the particular structure of the product, accidental contacts are unpredictable and mainly traumatic and / or voluntary origin. Event, apply cool compresses and, if painful phenomena were to persist, seek medical staff.

##### Ingestion

IMMEDIATELY TO MEDICAL CARE

#### 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

Refer to Section 4.1 Description of first aid measures.

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### 5. Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** : CO<sub>2</sub>, chemical powder, alcohol-resistant foam.**Unsuitable extinguishing media** : No one in particular.

#### 5.2. Special hazards arising from the substance or mixture

During combustion may develop potentially harmful fumes for health. When exposed to flame it ignites and continues to burn with little bright flame even if removed from the heat source.

#### 5.3. Advice for firefighters

Use protective clothing to respiratory system, eyes and skin. The water spray can be used to disperse the vapours and protect the people involved in the extinction. It is also recommended to use breathing apparatus, especially, if you operate in closed, poorly ventilated and in any case if you use halogenated extinguishing. Wear special protective equipment for fire team. Given the characteristic of the polymeric material, the presence of significant amounts of product in the space involved in the fire, can be a source of risk in causing the fire-ignition in the presence of oxygen since the inner layers can retain heat. E ttherefore necessary in case of fire in environments where large quantities of product, proceed to dissipate the heat retained inside were involved.

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : Move away from the area surrounding the spill or release. Not smoking.**For emergency responders** : General Information: Not smoking. Use proper personal protective equipment as indicated in Section 8.

#### 6.2. Environmental precautions

Recover the product.

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

Recover the product for reuse or for disposal, taking care not to cause dust. After collection, wash with abundant water the area and materials involved.

#### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information.

### 7. Handling and storage

#### 7.1. Precautions for safe handling

Normal precautions for handling chemical products protecting against accidental contact. Do not smoke, eat or drink when handling.

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

Store in original packaging in a cool, ventilated and protected from heat.

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

**Uses consumer [SU21], Uses professional [SU22]:** Follow the guidelines on the label.

### 8. Exposure controls/personal protection

#### 8.1. Control parameters

##### Related contained substances:

**Limone:** MAK: 20 ppm 110 mg/m<sup>3</sup> sensitization of skin (Sh); Peak limitation category: II(2); Group risk pregnancy: C; (DFG 2005).

##### Substance: Limonene

<b>DNEL</b>		
Long-term systemic effects Inhalation Workers = 66,7 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Workers = 9,5 (mg/kg bw/day)
Long-term systemic effects Inhalation Consumer= 16,6 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Consumer= 4,8 (mg/kg bw/day)
Long-term systemic effects Oral Consumer = 4,8 (mg/kg bw/day)		

##### PNEC

Fresh water = 0,014 (mg/l)	Sediments Fresh water = 3,85 (mg/kg/Sediments)	Sea water= 0,0014 (mg/l)
Sediments Sea water= 0,385 (mg/kg/Sediments)	STP = 1,8 (mg/l)	Soil = 0,763 (mg/kg Soil)

##### Substance: Citral

<b>DNEL</b>		
Long-term systemic effects Inhalation Workers = 9 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Workers = 1,7 (mg/kg bw/day)
Long-term systemic effects Inhalation Consumer= 2,7 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Consumer= 1 (mg/kg bw/day)
Long-term systemic effects Oral Consumer = 0,6 (mg/kg bw/day)		Long-term local effects Dermal Workers = 0,14 (mg/kg bw/day)
Long-term local effects Dermal Consumer = 0,14 (mg/kg bw/day)		

##### PNEC

Fresh water = 0,007 (mg/l)	Sediments Fresh water = 0,125 (mg/kg/Sediments)	Sea water= 0,001 (mg/l)
Sediments Sea water= 0,013 (mg/kg/Sediments)	STP = 1,6 (mg/l)	Soil = 0,021 (mg/kg Soil)

##### Substance: Linalool

<b>DNEL</b>		
Long-term systemic effects Inhalation Workers = 2,8 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Workers = 2,5 (mg/kg bw/day)
Long-term systemic effects Inhalation Consumer= 0,7 (mg/m <sup>3</sup> )		Long-term systemic effects Dermal Consumer= 1,25 (mg/kg bw/day)
Long-term systemic effects Oral Consumer = 0,2 (mg/kg bw/day)		Short-term systemic effects Inhalation Consumer = 4,1 (mg/m <sup>3</sup> )
Short-term systemic effects Dermal Consumer= 2,5 (mg/kg bw/day)		Short-term systemic effects Oral Consumer = 1,2 (mg/kg bw/day)
Long-term local effects Dermal Workers = 15 (mg/kg bw/day)		Long-term local effects Dermal Consumer = 15 (mg/kg bw/day)
Short-term local effects Dermal Workers = 15 (mg/kg bw/day)		Short-term local effects Dermal Consumer = 15 (mg/kg bw/day)

##### PNEC

Fresh water = 0,2 (mg/l)	Sediments Fresh water = 2,22 (mg/kg/Sediments)	Sea water= 0,02 (mg/l)
Sediments Sea water= 0,222 (mg/kg/Sediments)	Intermittent emissions = 2 (mg/l)	STP = 10 (mg/l)
Soil = 0,327 (mg/kg Soil)		

#### 8.2. Exposure controls

##### Individual protection measures, such as personal protective equipment

- Eye/face protection: Not needed for normal use.
- Skin protection
  - Hand protection: We recommend a wrist waterproof gloves long-Category II, the material can be: latex or, for those suffering from allergies to it, nitrile.
  - Other: Wear normal work clothing.
- Respiratory protection: Not needed for normal use.

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d) Thermal hazards: Avoid exposure to open flame.

**Environmental exposure controls:** Avoid reckless release to the environment

**9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical and chemical properties	Value
Appearance	Object EVA polymer, perfumed
Odour	Lime
Odour threshold	not determined
pH	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not determined
Upper/lower flammability or explosive limits	not determined
Vapour pressure	not determined
Vapour density	not determined
Relative density	not determined
Idrosolubility	not soluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not determined
Viscosity	not determined
Explosive properties	not determined
Oxidising properties	not determined

**9.2. Other information**

No further data available

**10. Stability and reactivity**

**10.1. Reactivity**

Under normal conditions of use are not known reactivity phenomena.

**10.2. Chemical stability**

Stable in normal use and storage conditions.

**10.3. Possibility of hazardous reactions**

None known under normal conditions of use.

**10.4. Conditions to avoid**

Do not expose to open flame.

**10.5. Incompatible materials**

Oxidizing acids, halogens, aromatic compounds, liquid hydrocarbons, alcohols, esters, ketones.

**10.6. Hazardous decomposition products**

Under normal conditions it does not decompose.

**11. Toxicological information**

**11.1. Information on toxicological effects**

**ATE(mix) oral = not available**

**ATE(mix) dermal = not available**

**ATE(mix) inhal = not available**

- a) acute toxicity : Based on available data, the classification criteria are not met
- b) skin corrosion/irritation : If brought into contact with the skin it causes significant inflammation with erythema, scabs, and edema
- c) serious eye damage/irritation : Based on available data, the classification criteria are not met
- d) respiratory or skin sensitisation : If brought into contact with the skin, can cause skin sensitization
- e) germ cell mutagenicity : Based on available data, the classification criteria are not met
- f) carcinogenicity : Based on available data, the classification criteria are not met
- g) reproductive toxicity : Based on available data, the classification criteria are not met
- h) STOT-single exposure : Based on available data, the classification criteria are not met
- i) STOT-repeated exposure : Based on available data, the classification criteria are not met
- j) aspiration hazard : Based on available data, the classification criteria are not met

Related contained substances:

**Limonene**

**INHALATION RISK** : It can not be given no information about the rate at which it reaches a harmful concentration in the air evaporation of this substance at 20 ° C.

**EFFECTS OF SHORT-TERM EXPOSURE** : The substance is irritating to the skin and mildly irritating to eyes.

**EFFECTS OF REPEATED OR LONG TERM** : Repeated or prolonged contact may cause skin sensitization.

**ACUTE HAZARDS / SYMPTOMS**

**SKIN** Redness. Pain..

**EYES** Redness.

**12. Ecological information**

**12.1. Toxicity**

Adopt good working practices, avoiding release of the product in the environment.

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**12.2. Persistence and degradability**

Data not available.

**12.3. Bioaccumulative potential**

Data not available.

**12.4. Mobility in soil**

Data not available.

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

The substance / mixture NOT contain pursuant to Regulation PBT / vPvB (EC) No. 1907/2006, Annex XIII.

**12.6. Other adverse effects**

Data not available.

**13. Disposal considerations**

**13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of in compliance with current regulations. Any remaining product can be burned in a suitable incinerator equipped with post-combustion and abatement.

**14. Transport information**

**14.1. UN Number**

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG)

**14.2. UN proper shipping name**

Not applicable

**14.3. Hazard classes of transport**

Transport hazard class(es) : Not applicable  
 Label : Not applicable  
 Tunnel restriction code : Not applicable  
 Limited quantities : Not applicable  
 EmS : Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Environmental hazards : Not applicable  
 Marine pollutant : Not applicable

**14.6. Special precautions for user**

Not applicable.

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

It is not intended to carry bulk

**15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006** concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

**REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008** on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**COMMISSION REGULATION (EC) No 790/2009, of 10 August 2009** amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

**REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004** on detergents.

**15.2. Chemical safety assessment**

Chemical safety assessment not provided.

**16. Other information**

**16.1. Other information**

Description of danger signs set out in paragraph 3

H226 = Flammable liquid and vapour.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H410 = Very toxic to aquatic life with long lasting effects.

H304 = May be fatal if swallowed and enters airways.

H319 = Causes serious eye irritation.

H400 = Very toxic to aquatic life

Classification made based on the data of all the components of the mixture.

In case of need, there are the active telephone numbers 24 hours 24 of some poison centres:

POISON CENTRE			
Country	AUSTRIA	Country	BELGIUM
Name of poison centre	Vergiftungsinformationszentrale (Poisons Information Centre)	Name of poison centre	Centre Antipoisons-Antigifocentrum
Emergency phone	+43 1 406 43 43	Emergency phone	+32 70 245 245
Website	<a href="http://www.giftinfo.org">www.giftinfo.org</a>	Website	<a href="http://www.poisoncentre.be">www.poisoncentre.be</a>
Country	CROATIA	Country	FRANCE
Name of poison centre	Poison Control Centre Zagreb	Name of poison centre	ORFLA Liste des centres anti poison
Emergency phone	+358 1 2348 342	Emergency phone	+33 1 40 05 48 48



# SAFETY DATA SHEET

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Website	<a href="http://www.imi.hr">www.imi.hr</a>	Website	--
Country	FRANCE	Country	GERMANY
Name of poison centre	Centre antipoison et de toxicovigilance de Paris	Name of poison centre	Deutschland Notrufnummer
Emergency phone	+33 (0)1 40 05 48 48	Emergency phone	030 30 68 67 90
Website	<a href="http://www.centres-antipoison.net">www.centres-antipoison.net</a>	Website	--
Country	ITALIA	Country	ITALIA
Name of poison centre	Centro Antiveleni di Firenze	Name of poison centre	Centro Antiveleni Genoa
Emergency phone	+39 55 79 47 819	Emergency phone	+39 10 56 36 12 45
Website	<a href="http://www.antiveleni.altervista.org">www.antiveleni.altervista.org</a>	Website	--
Country	ITALIA	Country	ITALIA
Name of poison centre	Centro Antiveleni Ospedale Cardarelli	Name of poison centre	Servizio Antiveleni di Padova
Emergency phone	+39 081 74 72 870	Emergency phone	+39 49 82 75 078
Website	<a href="http://www.ospedalecardarelli.it/ospedale/centro-anti-veleni">www.ospedalecardarelli.it/ospedale/centro-anti-veleni</a>	Website	--
Country	ITALIA	Country	ITALIA
Name of poison centre	Centro Antiveleni di Milano Niguarda	Name of poison centre	IRCCS Fondazione S.Maugeri
Emergency phone	+39 2 66 10 10 29	Emergency phone	+39 382 24 444
Website	<a href="http://www.centroantiveleni.org">www.centroantiveleni.org</a>	Website	<a href="http://www.cavpavia.it">www.cavpavia.it</a>
Country	ITALIA	Country	ITALIA
Name of poison centre	Centro Antiveleni Policlinico Gemelli	Name of poison centre	Centro Antiveleni Università "La Sapienza"
Emergency phone	+39 6 30 54 343	Emergency phone	+39 6 49 97 06 98
Website	<a href="http://www.tox.it">www.tox.it</a>	Website	<a href="http://www.uniroma1.it/cav_cartella">www.uniroma1.it/cav_cartella</a>
Country	ITALIA	Country	NETHERLANDS
Name of poison centre	Centro Antiveleni Torino	Name of poison centre	National Poisons Information Centre
Emergency phone	+39 11 66 37 637	Emergency phone	+31 30 274 88 88
Website		Website	<a href="http://www.vergiftigingen.info">www.vergiftigingen.info</a>
Country	SPAIN		
Name of poison centre	Emergencias y consultas toxicológicas		
Emergency phone	915 620 420		
Website	--		

### SOURCES

- ACGIH - American Conference of Governmental Industrial Hygienists
- ECHA - European Chemicals Agency
- IARC - International Agency for Research on Cancer
- IPCS - International Programme on Chemical Safety (Cards)
- NIOSH - Registry of toxic effects of chemical substances (1983)
- OSHA - European Agency for Safety and Health at Work
- TOXNET - Toxicology Data Network
- WHO - World Health Organization

Safety Data Sheet according to Regulation (EU) No. 2015/830 of 29 May 2015 and subsequent amendments

**This safety data sheet completely replaces all previous versions.**

The information in this SDS was obtained from the best that is available or to our knowledge on the market at the specified review date. Neither the Company registered holder of this card nor the subsidiaries will accept any complaints arising from improper use of the information set forth herein or from improper use of the product in the application. Pay particular attention to the use of preparations because improper use can increase the hazard.