


GO FRESH LEMON

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

- 1.1 Product identifier:** GO FRESH LEMON
Other means of identification:
UFI: AT11-90KR-A00K-HGUW
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses (Consumer use): Air freshener
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
MB ELIX sp. z oo sp.k.
ul. Skarżyńskiego 26
54-530 Wrocław - Poland
Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68
lab@elix.pl
www.elixscent.com
- 1.4 Emergency telephone number:** 0048 71 387 85 33 (8.00-16.00)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Labelling of packages where the contents do not exceed 125 ml:
Warning

Hazard statements:
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P501: Dispose of contents/container according to the separated collection system used in your municipality.
Supplementary information:
EUH204: Contains isocyanates. May produce an allergic reaction.
Contains linalool, citronellol, citral, geraniol, p-mentha-1,4(8)-diene, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, citronellal, nerol, 3-(4-isobutyl-2-methylphenyl)propanal, 3-p-cumenyl-2-methylpropionaldehyde, d-limonene, L-p-mentha-1(6),8-dien-2-one, cineole, dodecanal, undec-10-enal, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one, isoeugenol.
Additional Labelling:
As from 24 August 2023 adequate training is required before industrial or professional use.
UFI: AT11-90KR-A00K-HGUW
- 2.3 Other hazards:**
Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Not relevant

3.2 Mixture:

Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:































Identification	Chemical name/Classification	Concentration
CAS: 34590-94-8 EC: 252-104-2 Index: Not relevant REACH: 01-2119450011-60-XXXX	Dipropylene Glycol Methyl Ether⁽¹⁾ Regulation 1272/2008 Not classified	15 - <20 %
CAS: 18479-58-8 EC: 242-362-4 Index: Not relevant REACH: 01-2119457274-37-XXXX	2,6-dimethyloct-7-en-2-ol⁽²⁾ Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H336 - Warning	3 - <4 %
CAS: 88-41-5 EC: 201-828-7 Index: Not relevant REACH: 01-2119970713-33	2-tert-butylcyclohexyl acetate⁽²⁾ Regulation 1272/2008 Aquatic Chronic 2: H411	3 - <4 %
CAS: 61792-11-8 EC: 263-214-5 Index: Not relevant REACH: 01-2119967769-11-XXXX	3,7-dimethylnona-2,6-dienitrile⁽²⁾ Regulation 1272/2008 Aquatic Chronic 2: H411	2 - <3 %
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool⁽²⁾ Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2 - <3 %
CAS: 106-22-9 EC: 203-375-0 Index: Not relevant REACH: 01-2119453995-23-XXXX	Citronellol⁽²⁾ Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	1 - <2 %
CAS: 124-13-0 EC: 204-683-8 Index: Not relevant REACH: 01-2119638274-38-XXXX	Octanal⁽²⁾ Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	1 - <2 %
CAS: 101-84-8 EC: 202-981-2 Index: Not relevant REACH: 01-2119472545-33-XXXX	Diphenyl ether⁽²⁾ Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Warning	1 - <2 %
CAS: 112-31-2 EC: 203-957-4 Index: Not relevant REACH: 01-2119967771-26-XXXX	Decanal⁽²⁾ Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Warning	1 - <2 %
CAS: 123-66-0 EC: 204-640-3 Index: Not relevant REACH: 01-2120749104-60-XXXX	Ethyl hexanoate⁽²⁾ Regulation 1272/2008 Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	1 - <2 %
CAS: 5392-40-5 EC: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXXX	Citral⁽²⁾ Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	1 - <2 %
CAS: 28182-81-2 EC: 931-274-8 Index: Not relevant REACH: 01-2119485796-17-XXXX	Hexamethylene diisocyanate, oligomers⁽²⁾ Regulation 1272/2008 Acute Tox. 4: H332; Skin Sens. 1: H317; STOT SE 3: H335 - Warning	0,75 - <1 %
CAS: 106-24-1 EC: 203-377-1 Index: 603-241-00-5 REACH: 01-2119552430-49-XXXX	Geraniol⁽²⁾ Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	0,5 - <0,75 %

⁽¹⁾ Substance with a Union workplace exposure limit

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

GO FRESH LEMON

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification		Concentration
CAS: 123-92-2 EC: 204-662-3 Index: 607-130-00-2 REACH: 01-2119548408-32-XXXX	Isopentyl acetate⁽¹⁾	ATP CLP00 Regulation 1272/2008 Flam. Liq. 3: H226 - Warning	0,5 - <0,75 % 
CAS: 67634-00-8 EC: 266-803-5 Index: Not relevant REACH: 01-2120795456-39-XXXX	Allyl (3-methylbutoxy)acetate⁽²⁾	Self-classified Regulation 1272/2008 Acute Tox. 1: H330; Acute Tox. 4: H302+H312; Aquatic Acute 1: H400; STOT RE 2: H373 - Danger	0,5 - <0,75 %   
CAS: 586-62-9 EC: 209-578-0 Index: Not relevant REACH: 01-2119982325-32-XXXX	p-mentha-1,4(8)-diene⁽²⁾	Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Skin Sens. 1B: H317 - Danger	0,25 - <0,5 %   
CAS: 68039-49-6 EC: 268-264-1 Index: Not relevant REACH: 01-2119982384-28	2,4-dimethylcyclohex-3-ene-1-carbaldehyde⁽²⁾	Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	0,25 - <0,5 %  
CAS: 106-23-0 EC: 203-376-6 Index: Not relevant REACH: 01-2119474900-37-XXXX	Citronellal⁽²⁾	Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,25 - <0,5 % 
CAS: 68526-86-3 EC: 271-235-6 Index: Not relevant REACH: 01-2119454259-32-XXXX	Alcohols, C11-14-iso-, C13-rich⁽²⁾	Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	0,25 - <0,5 %  
CAS: 106-25-2 EC: 203-378-7 Index: Not relevant REACH: 01-2119983244-33-XXXX	Nerol⁽²⁾	Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,25 - <0,5 % 
CAS: 1637294-12-2 EC: 811-285-3 Index: Not relevant REACH: 01-2120103156-71-XXXX	3-(4-isobutyl-2-methylphenyl)propanal⁽²⁾	Self-classified Regulation 1272/2008 Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,25 - <0,5 %   
CAS: 103-95-7 EC: 203-161-7 Index: Not relevant REACH: 01-2119970582-32-XXXX	3-p-cumenyl-2-methylpropionaldehyde⁽²⁾	Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,1 - <0,25 % 
CAS: 5989-27-5 EC: 227-813-5 Index: 601-096-00-2 REACH: 01-2119529223-47-XXXX	d-limonene⁽²⁾	ATP ATP17 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	0,1 - <0,25 %    
CAS: 6485-40-1 EC: 229-352-5 Index: Not relevant REACH: 01-2119962458-25-XXXX	L-p-mentha-1(6),8-dien-2-one⁽²⁾	Self-classified Regulation 1272/2008 Skin Sens. 1B: H317 - Warning	0,1 - <0,25 % 
CAS: 470-82-6 EC: 207-431-5 Index: Not relevant REACH: 01-2119967772-24-XXXX	Cineole⁽²⁾	Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Sens. 1B: H317 - Warning	0,1 - <0,25 %  
CAS: 112-54-9 EC: 203-983-6 Index: Not relevant REACH: 01-2119969441-33-XXXX	Dodecanal⁽²⁾	Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,1 - <0,25 % 
CAS: 112-45-8 EC: 203-973-1 Index: Not relevant REACH: 01-2119980959-11-XXXX	Undec-10-enal⁽²⁾	Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Sens. 1B: H317 - Warning	0,1 - <0,25 % 
CAS: 16409-43-1 EC: 240-457-5 Index: Not relevant REACH: 01-2119976300-42-XXXX	(z)-rose oxide⁽²⁾	Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Repr. 2: H361; Skin Irrit. 2: H315 - Warning	0,1 - <0,25 %  
CAS: 57378-68-4 EC: 260-709-8 Index: Not relevant REACH: 01-2119535122-53	1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one⁽²⁾	Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	0,036 - <0,1 %  

⁽¹⁾ Substance with a Union workplace exposure limit

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

GO FRESH LEMON

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 97-54-1 EC: 202-590-7 Index: 604-094-00-X REACH: 01-2120223682-61	Isoeugenol⁽²⁾ Self-classified	0,01 - <0,036 %
	Regulation 1272/2008 Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; STOT SE 3: H335 - Warning	

⁽¹⁾ Substance with a Union workplace exposure limit

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	M-factor	
d-limonene CAS: 5989-27-5 EC: 227-813-5	Acute	1
	Chronic	1

Identification	Specific concentration limit
Isoeugenol CAS: 97-54-1 EC: 202-590-7	% (w/w) >=0,01: Skin Sens. 1A - H317

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity	Genus
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg
	LD50 dermal	Not relevant
	LC50 inhalation dust	Not relevant
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	LD50 oral	500 mg/kg
	LD50 dermal	1100 mg/kg
	LC50 inhalation dust	0,46 mg/L *
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one CAS: 57378-68-4 EC: 260-709-8	LD50 oral	1600 mg/kg
	LD50 dermal	Not relevant
	LC50 inhalation dust	Not relevant
Isoeugenol CAS: 97-54-1 EC: 202-590-7	LD50 oral	1500 mg/kg
	LD50 dermal	1100 mg/kg
	LC50 inhalation dust	1,5 mg/L

* Equivalent ATE value of the substance applicable to the exposure route of the product. For the ATE value associated with the exposure route of the substance, see section 11.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 4: FIRST AID MEASURES (continued)

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 7: HANDLING AND STORAGE (continued)

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C
Maximum Temp.: 35 °C
Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
	IOELV (8h)	50 ppm	308 mg/m ³
Dipropylene Glycol Methyl Ether ⁽¹⁾ CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	IOELV (8h)	1 ppm	7 mg/m ³
	IOELV (STEL)	2 ppm	14 mg/m ³
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	IOELV (8h)	50 ppm	270 mg/m ³
	IOELV (STEL)	100 ppm	540 mg/m ³

⁽¹⁾ Skin

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	308 mg/m ³	Not relevant
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	20,8 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	73,5 mg/m ³	Not relevant
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,55 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,48 mg/m ³	Not relevant
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	24,58 mg/m ³	Not relevant
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	327,4 mg/kg	Not relevant
	Inhalation	Not relevant	10 mg/m ³	161,6 mg/m ³	10 mg/m ³

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Octanal CAS: 124-13-0 EC: 204-683-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,37 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,3 mg/m ³	Not relevant
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	25 mg/kg	Not relevant
	Inhalation	Not relevant	14 mg/m ³	59 mg/m ³	7 mg/m ³
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	14,1 mg/kg	Not relevant	7,05 mg/kg	Not relevant
	Inhalation	49,71 mg/m ³	124,28 mg/m ³	24,86 mg/m ³	62,14 mg/m ³
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	9 mg/m ³	Not relevant
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	1 mg/m ³	Not relevant	0,5 mg/m ³
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	12,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	161,6 mg/m ³	Not relevant
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,4 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,93 mg/m ³	Not relevant
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,52 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3,6 mg/m ³	Not relevant
Citronellal CAS: 106-23-0 EC: 203-376-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	9 mg/m ³	Not relevant
Nerol CAS: 106-25-2 EC: 203-378-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,4 mg/m ³	Not relevant
3-(4-isobutyl-2-methylphenyl)propanal CAS: 1637294-12-2 EC: 811-285-3	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,83 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,47 mg/m ³	Not relevant
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,67 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,83 mg/m ³	Not relevant
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	9,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	66,7 mg/m ³	Not relevant
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,194 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,685 mg/m ³	Not relevant
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	7,05 mg/m ³	Not relevant
Dodecanal CAS: 112-54-9 EC: 203-983-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	14,1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	49,7 mg/m ³	Not relevant
Undec-10-enal CAS: 112-45-8 EC: 203-973-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	4,67 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	16,4 mg/m ³	Not relevant

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
(z)-rose oxide CAS: 16409-43-1 EC: 240-457-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,3 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,2 mg/m ³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	37,2 mg/m ³	Not relevant
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	12,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	21,7 mg/m ³	Not relevant
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	Oral	Not relevant	Not relevant	0,555 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,555 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,966 mg/m ³	Not relevant
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	2,49 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,33 mg/m ³	Not relevant
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Not relevant	Not relevant	13,8 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	196,4 mg/kg	Not relevant
	Inhalation	Not relevant	10 mg/m ³	47,8 mg/m ³	10 mg/m ³
Octanal CAS: 124-13-0 EC: 204-683-8	Oral	Not relevant	Not relevant	0,19 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,19 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,32 mg/m ³	Not relevant
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	7,05 mg/kg	Not relevant	3,52 mg/kg	Not relevant
	Dermal	7,05 mg/kg	Not relevant	3,52 mg/kg	Not relevant
	Inhalation	12,26 mg/m ³	30,65 mg/m ³	6,13 mg/m ³	15,32 mg/m ³
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Not relevant	Not relevant	0,6 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,7 mg/m ³	Not relevant
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Not relevant	Not relevant	13,75 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	7,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	47,8 mg/m ³	Not relevant
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	Oral	Not relevant	Not relevant	0,5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,87 mg/m ³	Not relevant
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	Oral	Not relevant	Not relevant	0,26 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,26 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,9 mg/m ³	Not relevant
Citronellal CAS: 106-23-0 EC: 203-376-6	Oral	Not relevant	Not relevant	0,6 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,7 mg/m ³	Not relevant
Nerol CAS: 106-25-2 EC: 203-378-7	Oral	Not relevant	Not relevant	0,62 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,62 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,09 mg/m ³	Not relevant
3-(4-isobutyl-2-methylphenyl)propanal CAS: 1637294-12-2 EC: 811-285-3	Oral	Not relevant	Not relevant	0,25 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,42 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,435 mg/m ³	Not relevant
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	Oral	Not relevant	Not relevant	0,83 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,83 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,45 mg/m ³	Not relevant

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Not relevant	Not relevant	4,8 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	4,8 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	16,6 mg/m ³	Not relevant
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	Oral	Not relevant	Not relevant	0,0694 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,0694 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,121 mg/m ³	Not relevant
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Not relevant	Not relevant	600 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,74 mg/m ³	Not relevant
Dodecanal CAS: 112-54-9 EC: 203-983-6	Oral	Not relevant	Not relevant	7 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	12,3 mg/m ³	Not relevant
Undec-10-enal CAS: 112-45-8 EC: 203-973-1	Oral	Not relevant	Not relevant	1,67 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,67 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,47 mg/m ³	Not relevant
(z)-rose oxide CAS: 16409-43-1 EC: 240-457-5	Oral	Not relevant	Not relevant	0,2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,3 mg/m ³	Not relevant

PNEC:

Identification				
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	STP	4168 mg/L	Fresh water	19 mg/L
	Soil	2,74 mg/kg	Marine water	1,9 mg/L
	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Not relevant	Sediment (Marine water)	7,02 mg/kg
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	STP	10 mg/L	Fresh water	0,0278 mg/L
	Soil	0,103 mg/kg	Marine water	0,00278 mg/L
	Intermittent	0,278 mg/L	Sediment (Fresh water)	0,594 mg/kg
	Oral	0,111 g/kg	Sediment (Marine water)	0,059 mg/kg
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	STP	0,9 mg/L	Fresh water	0,002 mg/L
	Soil	0,05 mg/kg	Marine water	0 mg/L
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,248 mg/kg
	Oral	0,0247 g/kg	Sediment (Marine water)	0,025 mg/kg
Linalool CAS: 78-70-6 EC: 201-134-4	STP	10 mg/L	Fresh water	0,2 mg/L
	Soil	0,327 mg/kg	Marine water	0,02 mg/L
	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg
Citronellol CAS: 106-22-9 EC: 203-375-0	STP	580 mg/L	Fresh water	0,002 mg/L
	Soil	0,004 mg/kg	Marine water	0 mg/L
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,026 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,003 mg/kg
Octanal CAS: 124-13-0 EC: 204-683-8	STP	3,16 mg/L	Fresh water	0,002 mg/L
	Soil	0,013 mg/kg	Marine water	0 mg/L
	Intermittent	Not relevant	Sediment (Fresh water)	0,071 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,007 mg/kg
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	STP	10 mg/L	Fresh water	0 mg/L
	Soil	0,018 mg/kg	Marine water	0 mg/L
	Intermittent	0,005 mg/L	Sediment (Fresh water)	0,093 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,009 mg/kg
Decanal CAS: 112-31-2 EC: 203-957-4	STP	3,16 mg/L	Fresh water	0,00117 mg/L
	Soil	0,019 mg/kg	Marine water	0,000117 mg/L
	Intermittent	0,0117 mg/L	Sediment (Fresh water)	0,097 mg/kg
	Oral	0,313 g/kg	Sediment (Marine water)	0,01 mg/kg

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Ethyl hexanoate CAS: 123-66-0 EC: 204-640-3	STP	10 mg/L	Fresh water	0,00674 mg/L
	Soil	0,0232 mg/kg	Marine water	0,000674 mg/L
	Intermittent	0,0674 mg/L	Sediment (Fresh water)	0,136 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0136 mg/kg
Citral CAS: 5392-40-5 EC: 226-394-6	STP	1,6 mg/L	Fresh water	0,007 mg/L
	Soil	0,021 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,068 mg/L	Sediment (Fresh water)	0,125 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,013 mg/kg
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	STP	88 mg/L	Fresh water	0,127 mg/L
	Soil	53183 mg/kg	Marine water	0,013 mg/L
	Intermittent	1,27 mg/L	Sediment (Fresh water)	266701 mg/kg
	Oral	Not relevant	Sediment (Marine water)	26670 mg/kg
Geraniol CAS: 106-24-1 EC: 203-377-1	STP	0,7 mg/L	Fresh water	0,011 mg/L
	Soil	0,017 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,108 mg/L	Sediment (Fresh water)	0,115 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,011 mg/kg
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	STP	30 mg/L	Fresh water	0,011 mg/L
	Soil	0,06 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,335 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,034 mg/kg
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	STP	Not relevant	Fresh water	0,00077 mg/L
	Soil	0,00133 mg/kg	Marine water	0,000077 mg/L
	Intermittent	0,0077 mg/L	Sediment (Fresh water)	0,00893 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,000893 mg/kg
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	STP	0,2 mg/L	Fresh water	0,000634 mg/L
	Soil	0,0291 mg/kg	Marine water	0,000063 mg/L
	Intermittent	0,00634 mg/L	Sediment (Fresh water)	0,147 mg/kg
	Oral	0,01031 g/kg	Sediment (Marine water)	0,0147 mg/kg
Citronellal CAS: 106-23-0 EC: 203-376-6	STP	4 mg/L	Fresh water	0,009 mg/L
	Soil	0,027 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,087 mg/L	Sediment (Fresh water)	0,159 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,016 mg/kg
Alcohols, C11-14-iso-, C13-rich CAS: 68526-86-3 EC: 271-235-6	STP	105,3 mg/L	Fresh water	0,005 mg/L
	Soil	0,15 mg/kg	Marine water	0,0005 mg/L
	Intermittent	0,004 mg/L	Sediment (Fresh water)	0,37 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,04 mg/kg
Nerol CAS: 106-25-2 EC: 203-378-7	STP	12,9 mg/L	Fresh water	0,00745 mg/L
	Soil	0,0223 mg/kg	Marine water	0,000745 mg/L
	Intermittent	0,0745 mg/L	Sediment (Fresh water)	0,133 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0133 mg/kg
3-(4-isobutyl-2-methylphenyl)propanal CAS: 1637294-12-2 EC: 811-285-3	STP	1 mg/L	Fresh water	0,0064 mg/L
	Soil	0,256 mg/kg	Marine water	0,00064 mg/L
	Intermittent	0,0101 mg/L	Sediment (Fresh water)	1,3 mg/kg
	Oral	0,005 g/kg	Sediment (Marine water)	0,13 mg/kg
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	STP	1 mg/L	Fresh water	0,00109 mg/L
	Soil	0,025 mg/kg	Marine water	0,00011 mg/L
	Intermittent	0,01092 mg/L	Sediment (Fresh water)	0,126 mg/kg
	Oral	0,0333 g/kg	Sediment (Marine water)	0,013 mg/kg
d-limonene CAS: 5989-27-5 EC: 227-813-5	STP	1,8 mg/L	Fresh water	0,014 mg/L
	Soil	0,763 mg/kg	Marine water	0,0014 mg/L
	Intermittent	Not relevant	Sediment (Fresh water)	3,85 mg/kg
	Oral	0,133 g/kg	Sediment (Marine water)	0,385 mg/kg

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	STP	10 mg/L	Fresh water	0,0061 mg/L
	Soil	0,035 mg/kg	Marine water	0,00061 mg/L
	Intermittent	0,061 mg/L	Sediment (Fresh water)	0,192 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,019 mg/kg
Cineole CAS: 470-82-6 EC: 207-431-5	STP	10 mg/L	Fresh water	0,057 mg/L
	Soil	0,25 mg/kg	Marine water	0,0057 mg/L
	Intermittent	0,57 mg/L	Sediment (Fresh water)	1,425 mg/kg
	Oral	0,04 g/kg	Sediment (Marine water)	0,142 mg/kg
Dodecanal CAS: 112-54-9 EC: 203-983-6	STP	10 mg/L	Fresh water	0,004 mg/L
	Soil	0,278 mg/kg	Marine water	0 mg/L
	Intermittent	0,035 mg/L	Sediment (Fresh water)	1,41 mg/kg
	Oral	0,313 g/kg	Sediment (Marine water)	0,141 mg/kg
Undec-10-enal CAS: 112-45-8 EC: 203-973-1	STP	0,625 mg/L	Fresh water	0,0201 mg/L
	Soil	18,9 mg/kg	Marine water	0,00201 mg/L
	Intermittent	Not relevant	Sediment (Fresh water)	94,5 mg/kg
	Oral	Not relevant	Sediment (Marine water)	9,45 mg/kg
(z)-rose oxide CAS: 16409-43-1 EC: 240-457-5	STP	10 mg/L	Fresh water	0,0332 mg/L
	Soil	0,437 mg/kg	Marine water	0,00332 mg/L
	Intermittent	0,332 mg/L	Sediment (Fresh water)	2,29 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,229 mg/kg

8.2 Exposure controls:



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands


Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Butyl, Breakthrough time: > 480 min, Thickness: 0.5 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.


E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

- CONTINUED ON NEXT PAGE -



GO FRESH LEMON

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Anti-slip work shoes		EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Solid
Appearance:	Compact
Colour:	 Yellow
Odour:	Pleasant
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 °C:	Not relevant *
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	1004,5 kg/m ³
Relative density at 20 °C:	1,004
Dynamic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	>20,5 mm ² /s
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *

Flammability:

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Flash Point:	Not relevant *
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	195 °C
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *

Explosive (Solid):

Lower explosive limit:	Not relevant *
Upper explosive limit:	Not relevant *

Particle characteristics:

Median equivalent diameter:	Not relevant *
-----------------------------	----------------

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *

Other safety characteristics:

Surface tension at 20 °C:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: d-limonene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	LD50 oral	3600 mg/kg	
	LD50 dermal		
	LC50 inhalation		
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LD50 oral	4600 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	LD50 oral	2600 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation		
Citronellol CAS: 106-22-9 EC: 203-375-0	LD50 oral	3450 mg/kg	Rat
	LD50 dermal	2650 mg/kg	
	LC50 inhalation		
Octanal CAS: 124-13-0 EC: 204-683-8	LD50 oral	4617 mg/kg	Rat
	LD50 dermal	5207 mg/kg	Rabbit
	LC50 inhalation		
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	7940 mg/kg	Rabbit
	LC50 inhalation		
Decanal CAS: 112-31-2 EC: 203-957-4	LD50 oral	41750 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Citral CAS: 5392-40-5 EC: 226-394-6	LD50 oral	4950 mg/kg	Rat
	LD50 dermal	2250 mg/kg	Rabbit
	LC50 inhalation		
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	9510 mg/kg	Rabbit
	LC50 inhalation		
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	LD50 oral	500 mg/kg	Rat
	LD50 dermal	1100 mg/kg	
	LC50 inhalation mist	0,46 mg/L	Rat
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	LD50 oral	5100 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation	4500 mg/L	
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1,5 mg/L	
	LC50 inhalation mist	1,5 mg/L	
Geraniol CAS: 106-24-1 EC: 203-377-1	LD50 oral	4200 mg/kg	Rat
	LD50 dermal	5100 mg/kg	Rabbit
	LC50 inhalation		
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	LD50 oral	7400 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde CAS: 68039-49-6 EC: 268-264-1	LD50 oral	2500 mg/kg	
	LD50 dermal		
	LC50 inhalation		
Citronellal CAS: 106-23-0 EC: 203-376-6	LD50 oral	2500 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Nerol CAS: 106-25-2 EC: 203-378-7	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	LD50 oral	3810 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
d-limonene CAS: 5989-27-5 EC: 227-813-5	LD50 oral	4400 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation		
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	LD50 oral	5400 mg/kg	Rat
	LD50 dermal	3800 mg/kg	
	LC50 inhalation		
Cineole CAS: 470-82-6 EC: 207-431-5	LD50 oral	2480 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Dodecanal CAS: 112-54-9 EC: 203-983-6	LD50 oral	23100 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
(z)-rose oxide CAS: 16409-43-1 EC: 240-457-5	LD50 oral	4300 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one CAS: 57378-68-4 EC: 260-709-8	LD50 oral	1600 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Isoeugenol CAS: 97-54-1 EC: 202-590-7	LD50 oral	1500 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	4500 mg/L	
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1,5 mg/L	
	LC50 inhalation mist	1,5 mg/L	

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LC50	>1 - 10 mg/L (96 h)		Fish
	EC50	>1 - 10 mg/L (48 h)		Crustacean
	EC50	>1 - 10 mg/L (72 h)		Algae
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	LC50	2,4 mg/L (96 h)	QSAR	Fish
	EC50	2,7 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3,6 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Octanal CAS: 124-13-0 EC: 204-683-8	LC50	13,5 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1,54 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	4,5 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
Decanal CAS: 112-31-2 EC: 203-957-4	LC50	>10 - 100 mg/L (96 h)		Fish
	EC50	>10 - 100 mg/L (48 h)		Crustacean
	EC50	>10 - 100 mg/L (72 h)		Algae
Citral CAS: 5392-40-5 EC: 226-394-6	LC50	6,1 mg/L (24 h)	Oryzias latipes	Fish
	EC50	11 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Algae
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	LC50	Not relevant		
	EC50	Not relevant		
	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	LC50	Not relevant		
	EC50	42 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	LC50	0,77 mg/L (96 h)	N/A	Fish
	EC50	5,09 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	2,06 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	LC50	0,8 mg/L (96 h)	Danio rerio	Fish
	EC50	0,63 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	0,7 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
2,4-dimethylcyclohex-3-ene-1-carbaldehyde CAS: 68039-49-6 EC: 268-264-1	LC50	>1 - 10 mg/L (96 h)		Fish
	EC50	>1 - 10 mg/L (48 h)		Crustacean
	EC50	>1 - 10 mg/L (72 h)		Algae
Alcohols, C11-14-iso-, C13-rich CAS: 68526-86-3 EC: 271-235-6	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
Nerol CAS: 106-25-2 EC: 203-378-7	LC50	20 mg/L (96 h)	Danio rerio	Fish
	EC50	32 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	10 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
3-(4-isobutyl-2-methylphenyl)propanal CAS: 1637294-12-2 EC: 811-285-3	LC50	Not relevant		
	EC50	1,41 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1,55 mg/L (72 h)	Desmodesmus subspicatus	Algae
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	LC50	1,092 mg/L (96 h)	N/A	Fish
	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3,8 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
d-limonene CAS: 5989-27-5 EC: 227-813-5	LC50	0,702 mg/L (96 h)	Pimephales promelas	Fish
	EC50	0,577 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	LC50	6,1 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	38 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	19 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Undec-10-enal CAS: 112-45-8 EC: 203-973-1	LC50	>10 - 100 mg/L (96 h)		Fish
	EC50	>10 - 100 mg/L (48 h)		Crustacean
	EC50	>10 - 100 mg/L (72 h)		Algae
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one CAS: 57378-68-4 EC: 260-709-8	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	NOEC	Not relevant		
	NOEC	0,5 mg/L	Daphnia magna	Crustacean

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	NOEC	Not relevant		
	NOEC	9,5 mg/L	Daphnia magna	Crustacean
3-(4-isobutyl-2-methylphenyl)propanal CAS: 1637294-12-2 EC: 811-285-3	NOEC	Not relevant		
	NOEC	0,71 mg/L	Daphnia magna	Crustacean
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	NOEC	Not relevant		
	NOEC	0,71 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BOD5	Not relevant	Concentration	Not relevant
	COD	0 g O2/g	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	73 %
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	BOD5	Not relevant	Concentration	10 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	72 %
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	BOD5	Not relevant	Concentration	20 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	32 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	90 %
Octanal CAS: 124-13-0 EC: 204-683-8	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	46 %
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	BOD5	Not relevant	Concentration	5.6 mg/L
	COD	Not relevant	Period	20 days
	BOD5/COD	Not relevant	% Biodegradable	76 %
Citral CAS: 5392-40-5 EC: 226-394-6	BOD5	0,56 g O2/g	Concentration	100 mg/L
	COD	1,99 g O2/g	Period	28 days
	BOD5/COD	0,28	% Biodegradable	92 %
Geraniol CAS: 106-24-1 EC: 203-377-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	21 days
	BOD5/COD	Not relevant	% Biodegradable	70 %
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	BOD5	Not relevant	Concentration	240 mg/L
	COD	Not relevant	Period	13 days
	BOD5/COD	Not relevant	% Biodegradable	78 %
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	BOD5	Not relevant	Concentration	2 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	81 %
Nerol CAS: 106-25-2 EC: 203-378-7	BOD5	Not relevant	Concentration	2 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	90 %
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	65,5 %
d-limonene CAS: 5989-27-5 EC: 227-813-5	BOD5	Not relevant	Concentration	10 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	71,4 %
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	90 %

12.3 Bioaccumulative potential:

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 12: ECOLOGICAL INFORMATION (continued)

Substance-specific information:

Identification	Bioaccumulation potential	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BCF	1
	Pow Log	-0.06
	Potential	Low
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	BCF	60
	Pow Log	3.1
	Potential	Moderate
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	
	Pow Log	2.97
	Potential	
Octanal CAS: 124-13-0 EC: 204-683-8	BCF	100
	Pow Log	2.78
	Potential	High
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	BCF	196
	Pow Log	4.21
	Potential	High
Decanal CAS: 112-31-2 EC: 203-957-4	BCF	420
	Pow Log	3.76
	Potential	High
Citral CAS: 5392-40-5 EC: 226-394-6	BCF	10
	Pow Log	3.45
	Potential	Low
Geraniol CAS: 106-24-1 EC: 203-377-1	BCF	110
	Pow Log	3.56
	Potential	High
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	BCF	10
	Pow Log	
	Potential	Low
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	BCF	
	Pow Log	1.85
	Potential	
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	BCF	334
	Pow Log	4.29
	Potential	High
Citronellal CAS: 106-23-0 EC: 203-376-6	BCF	280
	Pow Log	3.53
	Potential	High
Nerol CAS: 106-25-2 EC: 203-378-7	BCF	44
	Pow Log	2.76
	Potential	Moderate
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	BCF	102
	Pow Log	3.05
	Potential	High
d-limonene CAS: 5989-27-5 EC: 227-813-5	BCF	
	Pow Log	4.83
	Potential	
Cineole CAS: 470-82-6 EC: 207-431-5	BCF	
	Pow Log	2.74
	Potential	

12.4 Mobility in soil:

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorption/desorption		Volatility	
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	Koc	1000	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Octanal CAS: 124-13-0 EC: 204-683-8	Koc	430	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	2,733E-2 N/m (25 °C)	Moist soil	Not relevant
Diphenyl ether CAS: 101-84-8 EC: 202-981-2	Koc	1960	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	1,753E-2 N/m (258,4 °C)	Moist soil	Not relevant
Decanal CAS: 112-31-2 EC: 203-957-4	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,811E-2 N/m (25 °C)	Moist soil	Not relevant
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	Koc	70	Henry	59,78 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	2,388E-2 N/m (25 °C)	Moist soil	Yes
Allyl (3-methylbutoxy)acetate CAS: 67634-00-8 EC: 266-803-5	Koc	80	Henry	Not relevant
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
p-mentha-1,4(8)-diene CAS: 586-62-9 EC: 209-578-0	Koc	1120	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	2,865E-2 N/m (25 °C)	Moist soil	Not relevant
Nerol CAS: 106-25-2 EC: 203-378-7	Koc	94	Henry	Not relevant
	Conclusion	High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
d-limonene CAS: 5989-27-5 EC: 227-813-5	Koc	6324	Henry	2533,13 Pa·m ³ /mol
	Conclusion	Immobile	Dry soil	Yes
	Surface tension	2,675E-2 N/m (25 °C)	Moist soil	Yes
Cineole CAS: 470-82-6 EC: 207-431-5	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	3,24E-2 N/m (25 °C)	Moist soil	Not relevant
Dodecanal CAS: 112-54-9 EC: 203-983-6	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,867E-2 N/m (25 °C)	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP6 Acute Toxicity, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

- CONTINUED ON NEXT PAGE -

GO FRESH LEMON

SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: *Geraniol (106-24-1) - PT: (18,19)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Contains more than 0.1 % of diisocyanates by weight. 1. Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:

(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or (b) the employer or self-employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture(s).

2. Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 February 2022, unless:

(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or (b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements referred to in point (b) of paragraph 1 and the following statement is placed on the packaging, in a manner that is visibly distinct from the rest of the label information: "As from 24 August 2023 adequate training is required before industrial or professional use".

3. For the purpose of this entry "industrial and professional user(s)" means any worker or self-employed worker handling diisocyanates on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) or supervising these tasks.

4. The training referred to in point (b) of paragraph 1 shall include the instructions for the control of dermal and inhalation exposure to diisocyanates at the workplace without prejudice to any national occupational exposure limit value or other appropriate risk management measures at national level. Such training shall be conducted by an expert on occupational safety and health with competence acquired by relevant vocational training. That training shall cover as a minimum:

(a) the training elements in point (a) of paragraph 5 for all industrial and professional use(s).

(b) the training elements in points (a) and (b) of paragraph 5 for the following uses:

- handling open mixtures at ambient temperature (including foam tunnels)
- spraying in a ventilated booth
- application by roller
- application by brush
- application by dipping and pouring
- mechanical post treatment (e.g. cutting) of not fully cured articles which are not warm anymore
- cleaning and waste
- any other uses with similar exposure through the dermal and/or inhalation route

(c) the training elements in points (a), (b) and (c) of paragraph 5 for the following uses:

- handling incompletely cured articles (e.g. freshly cured, still warm)
- foundry applications
- maintenance and repair that needs access to equipment
- open handling of warm or hot formulations (> 45 °C)
- spraying in open air, with limited or only natural ventilation (includes large industry working halls) and spraying with high energy (e.g. foams, elastomers)
- and any other uses with similar exposure through the dermal and/or inhalation route.

- CONTINUED ON NEXT PAGE -

SECTION 15: REGULATORY INFORMATION (continued)

5. Training elements:

(a) general training, including on-line training, on:

- chemistry of diisocyanates
- toxicity hazards (including acute toxicity)
- exposure to diisocyanates
- occupational exposure limit values
- how sensitisation can develop
- odour as indication of hazard
- importance of volatility for risk
- viscosity, temperature, and molecular weight of diisocyanates
- personal hygiene
- personal protective equipment needed, including practical instructions for its correct use and its limitations
- risk of dermal contact and inhalation exposure
- risk in relation to application process used
- skin and inhalation protection scheme
- ventilation
- cleaning, leakages, maintenance
- discarding empty packaging
- protection of bystanders
- identification of critical handling stages
- specific national code systems (if applicable)
- behaviour-based safety
- certification or documented proof that training has been successfully completed

(b) intermediate level training, including on-line training, on:

- additional behaviour-based aspects
- maintenance
- management of change
- evaluation of existing safety instructions
- risk in relation to application process used
- certification or documented proof that training has been successfully completed

(c) advanced training, including on-line training, on:

- any additional certification needed for the specific uses covered
- spraying outside a spraying booth
- open handling of hot or warm formulations (> 45 °C)
- certification or documented proof that training has been successfully completed

6. The training shall comply with the provisions set by the Member State in which the industrial or professional user(s) operate. Member States may implement or continue to apply their own national requirements for the use of the substance(s) or mixture(s), as long as the minimum requirements set out in paragraphs 4 and 5 are met.

7. The supplier referred to in point (b) of paragraph 2 shall ensure that the recipient is provided with training material and courses pursuant to paragraphs 4 and 5 in the official language(s) of the Member State(s) where the substance(s) or mixture(s) are supplied. The training shall take into consideration the specificity of the products supplied, including composition, packaging, and design.

8. The employer or self-employed shall document the successful completion of the training referred to in paragraphs 4 and 5. The training shall be renewed at least every five years.

9. Member States shall include in their reports pursuant to Article 117(1) the following information:

- (a) any established training requirements and other risk management measures related to the industrial and professional uses of diisocyanates foreseen in national law
- (b) the number of cases of reported and recognised occupational asthma and occupational respiratory and dermal diseases in relation to diisocyanates
- (c) national exposure limits for diisocyanates, if there are any
- (d) information about enforcement activities related to this restriction.

10. This restriction shall apply without prejudice to other Union legislation on the protection of safety and health of workers at the workplace.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

GO FRESH LEMON

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H315: Causes skin irritation.

H412: Harmful to aquatic life with long lasting effects.

H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 1: H330 - Fatal if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.

Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Repr. 2: H361 - Suspected of damaging fertility or the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Skin Sens. 1A: Calculation method

Skin Irrit. 2: Calculation method

Aquatic Chronic 3: Calculation method

Eye Irrit. 2: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

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

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

- CONTINUED ON NEXT PAGE -



Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

GO FRESH LEMON

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -