

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
COSMETIC

Version: 2
Revision date: 08/03/2017

Page 1 of 13
Print date: 08/03/2017

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

1.1 Product identifier.

Product Name: CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO
Product Code: BPTM 5939

1.2 Relevant identified uses of the mixture and uses advised against.

Air perfuming

Uses advised against: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **AGRADO COSMETIC CARE 3000 S.L.U.**
Address: Pol. Ind. Los Vientos - Parcela 34, C/Zéfir, s/n.
City: 46119, Nàquera
Province: Valencia
Telephone: (+34) 96 139 92 41
Fax: (+34) 96 139 92 46
E-mail: info@agradocosmetic.com
Web: www.agradocosmetic.com

1.4 Emergency telephone number: (+34) 96 139 92 41 (Only available during office hours; Monday-Friday; 08:00-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:

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

Eye Irrit. 2 : Causes serious eye irritation.

Flam. Liq. 3 : Flammable liquid and vapour.

STOT SE 3 : May cause drowsiness or dizziness.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

Danger

H statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

P statements:

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P501 Dispose of contents/container in an authorised consultant.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 08/03/2017

Page 2 of 13

Print date: 08/03/2017

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Do not ingest.

EUH statements:

EUH208 Contains Limonene. May produce an allergic reaction.
EUH208 Contains Hexyl cinnamal. May produce an allergic reaction.
EUH208 Contains Citronellol. May produce an allergic reaction.
EUH208 Contains Alpha-Isomehtyl ionone. May produce an allergic reaction.
EUH208 Contains Acetylcedrene. May produce an allergic reaction.
EUH208 Contains Tetramethyl acetyloctahydronaphthalenses. May produce an allergic reaction.
EUH208 Contains Butylphenyl methylpropional. May produce an allergic reaction.

Contains: Methoxyisopropanol and Isopropyl alcohol.

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
Index No: 603-117-00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01-2119457558-25-XXXX	[1] Isopropyl alcohol	$\geq 50\% < 75\%$	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-
Index No: 603-064-00-3 CAS No: 107-98-2 EC No: 203-539-1 Registration No: 01-2119457435-35-XXXX	[1] Methoxyisopropanol	$\geq 10\% < 25\%$	Flam. Liq. 3, H226 - STOT SE 3, H336	-
CAS No: 60-12-8 EC No: 200-456-2	Phenylethyl alcohol	$\geq 1\% < 5\%$	Acute Tox. 4, H302 - Eye Irrit. 2, H319	-
CAS No: 101-86-0 EC No: 202-983-3	Hexyl cinnamal	$\geq 0,1\% < 1,0\%$	Skin Sens. 1, H317	-
Index No: 603-212-00-7 CAS No: 1222-05-5 EC No: 214-946-9 Registration No: 01-2119488227-29-XXXX	Hexamethylindanopyran	$\geq 0,1\% < 1,0\%$	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-
CAS No: 2050-08-0 EC No: 218-080-2	Amyl salicylate	$\geq 0,1\% < 1,0\%$	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 08/03/2017

Page 3 of 13

Print date: 08/03/2017

CAS No: 54464-57-2 EC No: 259-174-3	Tetramethyl acetyloctahydronaphthalenses	$\geq 0,1\% < 1,0\%$	Aquatic Chronic 1, H410 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
CAS No: 80-54-6 EC No: 201-289-8 Registration No: 01- 2119485965-18-XXXX	Butylphenyl methylpropional	$\geq 0,1\% < 1,0\%$	Acute Tox. 4, H302 - Aquatic Chronic 2, H411 - Repr. 2, H361 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
CAS No: 32388-55-9 EC No: 251-020-3	Acetylcedrene	$\geq 0,1\% < 1,0\%$	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Skin Sens. 1, H317	-
CAS No: 106-22-9 EC No: 203-375-0 Registration No: 01- 2119453995-23-XXXX	Citronellol	$\geq 0,1\% < 1,0\%$	Eye Irrit. 2, H319 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
CAS No: 127-51-5 EC No: 204-846-3	Alpha-Isomethyl ionone	$\geq 0,1\% < 1,0\%$	Aquatic Chronic 2, H411 - Skin Sens. 1, H317	-
Index No: 601-029-00-7 CAS No: 5989-27-5 EC No: 227-813-5 Registration No: 01- 2119529223-47-XXXX	Limonene	$\geq 0,1\% < 1,0\%$	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Flam. Liq. 3, H226 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a Community workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 08/03/2017

Page 4 of 13

Print date: 08/03/2017

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate. Can cause allergic reactions.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

Highly flammable product, the necessary prevention measures should be taken in order to avoid risks, In case of fire, the following measures are recommended:

5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 08/03/2017

Page 5 of 13
Print date: 08/03/2017

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
Isopropyl alcohol	67-63-0	United Kingdom [1]	Eight hours	400	999
			Short term	500	1250
Methoxyisopropanol	107-98-2	European Union [2]	Eight hours	100 (skin)	375 (skin)
			Short term	150 (skin)	568 (skin)
		United Kingdom [1]	Eight hours	100	375
			Short term	150	560

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Isopropyl alcohol N. CAS: 67-63-0 N. CE: 200-661-7	DNEL (Workers)	Inhalation, Long-term, Systemic effects	500 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Systemic effects	89 (mg/m ³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	888 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, Systemic effects	319 (mg/kg bw/day)
	DNEL (General population)	Oral, Long-term, Systemic effects	26 (mg/kg bw/day)
Methoxyisopropanol N. CAS: 107-98-2 N. CE: 203-539-1	DNEL (Workers)	Inhalation, Long-term, Systemic effects	369 (mg/m ³)
Hexamethylindanopyran N. CAS: 1222-05-5 N. CE: 214-946-9	DNEL (Workers)	Inhalation, Long-term, Systemic effects	5,29 (mg/m ³)
Butylphenyl methylpropional N. CAS: 80-54-6 N. CE: 201-289-8	DNEL (Workers)	Inhalation, Long-term, Systemic effects	0,44 (mg/m ³)
Citronellol N. CAS: 106-22-9 N. CE: 203-375-0	DNEL (Workers)	Inhalation, Long-term, Systemic effects	161,6 (mg/m ³)
Alpha-Isomethyl ionone N. CAS: 127-51-5 N. CE: 204-846-3	DNEL (Workers)	Inhalation, Long-term, Systemic effects	29,4 (mg/m ³)

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 08/03/2017

Page 6 of 13

Print date: 08/03/2017

(Limonene N. CAS: 5989-27-5 N. CE: 227-813-5	DNEL (Workers)	Inhalation, Long-term, Systemic effects	33,3 (mg/m ³)
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DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:




Name	Details	Value
Isopropyl alcohol N. CAS: 67-63-0 N. CE: 200-661-7	aqua (freshwater)	140,9 (mg/L)
	aqua (marine water)	140,9 (mg/L)
	aqua (intermittent releases)	140,9 (mg/L)
	sediment (freshwater)	552 (mg/kg sediment dw)
	sediment (marine water)	552 (mg/kg sediment dw)
	Soil	28 (mg/kg soil dw)
	PNEC STP	2251 (mg/L)
	PNEC oral (Hazard for predators)	160 (mg/kg food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %	
Uses:	Air perfuming	
Breathing protection:		
If the recommended technical measures are observed, no individual protection equipment is necessary.		
Hand protection:		
If the product is handled correctly, no individual protection equipment is necessary.		
Eye protection:		
PPE:	Face shield.	
Characteristics:	«CE» marking, category II. Face and eye protector against splashing liquid.	
CEN standards:	EN 165, EN 166, EN 167, EN 168	
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.	
Observations:	Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.	
Skin protection:		
PPE:	Anti-static protective clothing.	
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.	
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5	
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.	
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.	
PPE:	Anti-static safety footwear.	
Characteristics:	«CE» marking, category II.	
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346	
Maintenance:	The footwear should be checked regularly	
Observations:	The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.	

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 08/03/2017

Page 7 of 13
Print date: 08/03/2017

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Clear liquid

Colour: Colourless

Odour: Characteristic of perfume

Odour threshold: N.A./N.A.

pH: 6±1

Melting point: N.A./N.A.

Boiling Point: >35 °C

Flash point: <23 °C

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): Highly flammable

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

Relative density: 0,900±0,020 g/cm³

Solubility: N.A./N.A.

Liposolubility: N.A./N.A.

Hydrosolubility: Soluble

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

Explosive properties: Not explosive

Oxidizing properties: Not comburent

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information.

Pour point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

If the storage conditions are satisfied, does not produce dangerous reactions.

10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

10.3 Possibility of hazardous reactions.

Flammable liquid and vapour.

In certain conditions this may cause a polymerization reaction.

10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Static discharge.
- Contact with incompatible materials.
- Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.

10.5 Incompatible materials.

Avoid the following materials:

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 08/03/2017

Page 8 of 13

Print date: 08/03/2017

- Acids.
- Bases.
- Oxidizing agents.
- Explosives materials.
- Toxic materials.
- Oxidizing materials.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

IRRITANT PREPARATION. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
Isopropyl alcohol CAS No: 67-63-0 EC No: 200-661-7	Oral	LD50	Rat	5050 mg/kg bw [1]
		LD50	Rat	5840 mg/kg bw [2]
	Dermal	[1] <i>Gigiena i Sanitariya</i> . For English translation, see HYSAAV. Vol. 43(1), Pg. 8, 1978		
[2] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, <i>J Ind Hyg Toxicol</i> 30(1):63-68				
	Dermal	LD50	Rabbit	12800 mg/kg bw [1]
		LD50	Rabbit	16.4 mL/kg bw [2]
	Inhalation	[1] Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 100, 1974		
[2] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, <i>J Ind Hyg Toxicol</i> 30(1):63-68				
	Inhalation	LC50	Rat	>10000 ppm (6 h) [1]
		[1] OECD Guideline 403 (Acute Inhalation Toxicity), study report, 1991		
Methoxyisopropanol CAS No: 107-98-2 EC No: 203-539-1	Oral	LD50	Rat	6100 mg/kg bw [1]
		[1] Rowe VK et al. (1954) <i>Arch Ind Hyg Occup Med</i> , 9, 509-525.		
	Dermal	LD50	Rabbit	13000 mg/kg bw [1]
[1] Rowe VK et al. (1954) <i>Arch Ind Hyg Occup Med</i> , 9, 509-525.				
Inhalation	LC0	Rat	7559 ppm (6 h) [1]	
	[1] Cieszlak, FS and Crissman, JW (1991). Dowanol* PM glycol ether: An acute vapor inhalation study in Fischer 344 rats. Unpublished report of The Dow Chemical Company			

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 08/03/2017

Page 9 of 13

Print date: 08/03/2017

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 42.806 mg/kg

b) skin corrosion/irritation;

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Based on available data, the classification criteria are not met.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3:

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
Isopropyl alcohol	Fish	LC50	Fish Pimephales	9640 mg/l (96 h) [1]
		LC50	promelas	10000 mg/l (96 h) [2]
		LC50	Leuciscus melanotus	idus 8970 mg/l (48 h) [3]
		[1] Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Vol. 1. Center for Lake Superior Environmental Stud., Univ. of Wisconsin-Superior, Superior, WI :414		
		[2] The 96 hour LC50 method is described by the US Environmental Protection Agency Committee on Methods for Toxicity Tests with Aquatic Organisms 1975.		
		[3] Not GLP. According to guideline. Although some details (concentrations, light period, pH and O2 measurement, controls, and replicates) are not reported, the study meets generally accepted scientific principles.		

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 08/03/2017

Page 10 of 13

Print date: 08/03/2017

CAS No: 67-63-0 EC No: 200-661-7	Aquatic invertebrates	LC50 Crustacean 1400 mg/l (48 h) [1] EC50 Daphnia magna 9714 mg/L (24 h) [2] LC50 Crangon crangon 1150 ppm (96 h) [3] [1] Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118 [2] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation. [3] Toxicity of oil-sinking agents, Marine Pollution Bulletin 5:88, 116-118, 1974
	Aquatic plants	Toxicity threshold Scenedesmus 1800 mg/L (7 d) [1] Toxicity threshold Microcystis 1000 mg/l (8 d) [2] concentration aeruginosa [1] Comparison of the Toxicity Thresholds of Water Pollutants to Bacteria, Algae, and Protozoa in the Cell Multiplication Inhibition Test, Water Research Vol. 14. pp. 231 to 241 [2] Not GLP, not guideline compliant. Growth inhibition expressed as a function of relative turbidity determined at the end of the study (8 d) and TS concentration. Oxygen concentration not measured. Procedure in accordance with generally accepted standards.
Methoxyisopropanol CAS No: 107-98-2 EC No: 203-539-1	Fish	LC50 Leuciscus idus 4600 mg/L (96 h h h) [1] [1] BASF AG (1994) ABT Toxikologie, unpublished report 88/290, 25.01.1989
	Aquatic invertebrates	EC50 Daphnia magna 500 mg/L (48 h) [1] [1] BASF AG (1988) unpublished investigation 0082/88.
	Aquatic plants	EC50 Selenastrum capricornutum (Pseudokirchnerella subcapitata) 1000 mg/L (7 d) [1] [1] Dill DC and Milazzo DP (1988) "DOWANOL* PM glycol ether: Evaluation of the toxicity to the green alga, Selenastrum capricornutum printz", unpublished report of the Dow Chemical Company.

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potencial.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Isopropyl alcohol N. CAS: 67-63-0 EC No: 200-661-7	0,05	-	-	Very low
Methoxyisopropanol N. CAS: 107-98-2 EC No: 203-539-1	-0,44	-	-	Very low

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 08/03/2017

Page 11 of 13
Print date: 08/03/2017

Phenylethyl alcohol N. CAS: 60-12-8 EC No: 200-456-2	1,36	-	-	Very low
Citronellol N. CAS: 106-22-9 EC No: 203-375-0	4,04	-	-	High
(Limonene N. CAS: 5989-27-5 EC No: 227-813-5	4,83	-	-	High

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number.

UN No: UN1993

14.2 UN proper shipping name.

Description:

ADR: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ISOPROPANOL), 3, PG III, (D/E)

IMDG: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ISOPROPANOL), 3, PG III (23°C)

ICAO: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ISOPROPANOL), 3, PG III

14.3 Transport hazard class(es).

Class(es): 3

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: No

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

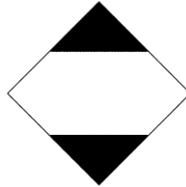
AGRADO
COSMETIC

Version: 2
Revision date: 08/03/2017

Page 12 of 13
Print date: 08/03/2017

14.6 Special precautions for user.

ADR LQ: 5 L
IMDG LQ: 5 L
ICAO LQ: 10 L



Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E
Proceed in accordance with point 6.

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

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product complies with Regulation (EC) No 648/2004 on detergents.

Contains in accordance with Regulation (EC) No 648/2004 on detergents:

perfumes

Allergens: CITRAL; LIMONENE; HEXYL CINNAMAL; CITRONELLOL; GERANIOL; BENZYL SALICYLATE; ALPHA-ISOMETHYL IONONE; HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXYALDEHYDE; LINALOOL; BUTYLPHENYL METHYLPROPIONAL; COUMARIN

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4 [Oral] : Acute toxicity (Oral), Category 4

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5939-CONCENTRATED AIR FRESHENER LUXURY MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 08/03/2017

Page 13 of 13

Print date: 08/03/2017

Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Eye Irrit. 2 : Eye irritation, Category 2
Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Repr. 2 : Reproductive toxicant, Category 2
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organization.
IMDG: International Maritime Code for Dangerous Goods.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
Log Pow: Logarithm of the partition octanol-water.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data:

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

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.