AEROSOL SPRAY TOMMY

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

1.1 Product identifier: AEROSOL SPRAY TOMMY

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

Relevant uses: 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:

Prime Solutions SA
2, Deligiorgi Str., Alimos-Athens
17456 Athens - GREECE
http://www.primesolutions.gr

Supplier/Distributor
Spring Air
Deligiorgi 2 & Ionias
174 56 Alimos, Athens, Greece
Tel: +30 2109734805
Fax: +30 2109945660
e-mail: info@springair.gr
website: www.springair.gr

1.4 Emergency telephone number: European Emergency Tel.: 112

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.

Aerosol 1: Pressurised container: May burst if heated., H229
Aerosol 1: Flammable aerosols, Category 1, H222
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger

Hazard statements:

Aerosol 1: H229 - Pressurised container: May burst if heated
Aerosol 1: H222 - Extremely flammable aerosol
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Skin Sens. 1B: H317 - May cause an allergic skin reaction

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211: Do not spray on an open flame or other ignition source
P251: Do not pierce or burn, even after use
P280: Wear protective gloves/protective clothing/eye protection/face protection
P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F
P501: Dispose of contents/container according to the separated collection system used in your municipality

Supplementary information:

EUH208: Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, a-methyl-1,3-benzodioxole-5-propionaldehyde, Linalool. May produce an allergic reaction

Substances that contribute to the classification

Hexyl cinnam-aldehyde

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives in solvents

Components:

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

Identification	Chemical name/Classification		Concentration
CAS: 68512-91-4 EC: 270-990-9 Index: 649-083-00-0 REACH Non-applicable	**Hydrocarbons, C3-4-rich, petroleum distillate[1]**	ATP ATP01	**50 - <75 %**
	Regulation 1272/2008	Flam. Gas 1: H220; Press. Gas: H280 - Danger	
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether[1]**	Self-classified	**19 - <24 %**
	Regulation 1272/2008	Flam. Liq. 3: H226 - Warning	
CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH 01-2119457610-43-XXXX	**Ethanol[1]**	ATP CLP00	**4,9 - <9,9 %**
	Regulation 1272/2008	Flam. Liq. 2: H225 - Danger	
CAS: 101-86-0 EC: 202-983-3 Index: Non-applicable REACH Non-applicable	**Hexyl cinnam-aldehyde[1]**	Self-classified	**1 - <2,4 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	
CAS: 18479-58-8 EC: 242-362-4 Index: Non-applicable REACH 01-2119457274-37-XXXX	**2,6-dimethyloct-7-en-2-ol[1]**	Self-classified	**0,24 - <0,9 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH 01-2119474016-42-XXXX	**Linalool[2]**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 54464-57-2 EC: 259-174-3 Index: Non-applicable REACH 01-2119489989-04-XXXX	**1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one[1]**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 115-95-7 EC: 204-116-4 Index: Non-applicable REACH 01-2119454789-19-XXXX	**Linalyl acetate[1]**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Flam. Liq. 3: H226 - Warning	
CAS: 1205-17-0 EC: 214-881-6 Index: Non-applicable REACH 01-2120740119-58-XXXX	**a-methyl-1,3-benzodioxole-5-propionaldehyde[2]**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	
CAS: 65113-99-7 EC: 265-453-0 Index: Non-applicable REACH Non-applicable	**a,ß,2,2,3-pentamethylcyclopent-3-ene-1-butanol[1]**	Self-classified	**<0,24 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	

[1] Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830
[2] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

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 does not contain substances classified as hazardous for inhalation.

By skin contact:

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SECTION 4: FIRST AID MEASURES (continued)

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for 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.

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:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO_2). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

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 (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

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:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

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SECTION 7: HANDLING AND STORAGE (continued)

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container.

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

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid splashes and pulverizations. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

Storage: Store in cool, dry conditions in well sealed receptacles.
Requirements to be met by storerooms and receptacles: Store in a cool location. Observe official regulations on storing packagings with pressurised containers.
Information about storage in one common storage facility: Store away from flammable substances.
Further information about storage conditions: Protect from heat and direct sunlight.
Store in cool, dry conditions in well sealed receptacles.

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 work environment

Identification	Environmental limits		
Dipropylene Glycol Methyl Ether	IOELV (8h)	50 ppm	308 mg/m³
CAS: 34590-94-8	IOELV (STEL)		
EC: 252-104-2	Year	2018	

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Hydrocarbons, C3-4-rich, petroleum distillate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68512-91-4	Dermal	Non-applicable	Non-applicable	23,4 mg/kg	Non-applicable
EC: 270-990-9	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	65 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	310 mg/m³	Non-applicable
Ethanol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 64-17-5	Dermal	Non-applicable	Non-applicable	343 mg/kg	Non-applicable
EC: 200-578-6	Inhalation	Non-applicable	1900 mg/m³	950 mg/m³	Non-applicable
2,6-dimethyloct-7-en-2-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 18479-58-8	Dermal	Non-applicable	Non-applicable	20,8 mg/kg	Non-applicable
EC: 242-362-4	Inhalation	Non-applicable	Non-applicable	73,5 mg/m³	Non-applicable
Linalool	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-70-6	Dermal	5 mg/kg	Non-applicable	2,5 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	16,5 mg/m³	Non-applicable	2,8 mg/m³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Linalyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 115-95-7	Dermal	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
EC: 204-116-4	Inhalation	Non-applicable	Non-applicable	2,75 mg/m³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	15 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	37,2 mg/m³	Non-applicable
Ethanol	Oral	Non-applicable	Non-applicable	87 mg/kg	Non-applicable
CAS: 64-17-5	Dermal	Non-applicable	Non-applicable	206 mg/kg	Non-applicable
EC: 200-578-6	Inhalation	Non-applicable	950 mg/m³	114 mg/m³	Non-applicable
2,6-dimethyloct-7-en-2-ol	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 18479-58-8	Dermal	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
EC: 242-362-4	Inhalation	Non-applicable	Non-applicable	21,7 mg/m³	Non-applicable
Linalool	Oral	1,2 mg/kg	Non-applicable	0,2 mg/kg	Non-applicable
CAS: 78-70-6	Dermal	2,5 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	4,1 mg/m³	Non-applicable	0,7 mg/m³	Non-applicable
Linalyl acetate	Oral	Non-applicable	Non-applicable	0,2 mg/kg	Non-applicable
CAS: 115-95-7	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
EC: 204-116-4	Inhalation	Non-applicable	Non-applicable	0,68 mg/m³	Non-applicable

PNEC:

Identification				
Dipropylene Glycol Methyl Ether	STP	4168 mg/L	Fresh water	19 mg/L
CAS: 34590-94-8	Soil	2,74 mg/kg	Marine water	1,9 mg/L
EC: 252-104-2	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	7,02 mg/kg
Ethanol	STP	580 mg/L	Fresh water	0,96 mg/L
CAS: 64-17-5	Soil	Non-applicable	Marine water	0,79 mg/L
EC: 200-578-6	Intermittent	2,75 mg/L	Sediment (Fresh water)	3,6 mg/kg
	Oral	720 g/kg	Sediment (Marine water)	Non-applicable
2,6-dimethyloct-7-en-2-ol	STP	10 mg/L	Fresh water	0,0278 mg/L
CAS: 18479-58-8	Soil	0,103 mg/kg	Marine water	0,00278 mg/L
EC: 242-362-4	Intermittent	0,278 mg/L	Sediment (Fresh water)	0,594 mg/kg
	Oral	111 g/kg	Sediment (Marine water)	0,0594 mg/kg
Linalool	STP	10 mg/L	Fresh water	0,2 mg/L
CAS: 78-70-6	Soil	0,327 mg/kg	Marine water	0,02 mg/L
EC: 201-134-4	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	7,8 g/kg	Sediment (Marine water)	0,222 mg/kg
Linalyl acetate	STP	10 mg/L	Fresh water	0,011 mg/L
CAS: 115-95-7	Soil	0,115 mg/kg	Marine water	0,0011 mg/L
EC: 204-116-4	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,609 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0609 mg/kg

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

Wash hands before breaks and at the end of work.

B.- Respiratory protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Not required under normal condition of use.

C.- Specific protection for the hands

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

D.- Ocular and facial protection

Not required under normal condition of use.

E.- Body protection

Not required under normal condition of use.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see 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 ºC:	Aerosol
Appearance:	Not available

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 ºC:	Non-applicable *
Vapour pressure at 50 ºC:	Non-applicable *
Evaporation rate at 20 ºC:	Non-applicable *
Product description:	
Density at 20 ºC:	Non-applicable *
Relative density at 20 ºC:	Non-applicable *
Dynamic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 40 ºC:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 ºC:	Non-applicable *
Partition coefficient n-octanol/water 20 ºC:	Non-applicable *
Solubility in water at 20 ºC:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Recipient pressure:	Non-applicable *
Explosive properties:	Product is not explosive. Formation of explosive air/vapour mixtures are possible.
Oxidising properties:	Non-applicable *
Flammability:	
Flash Point:	Non Flammable (>60 ºC)
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	Product is not selfigniting.
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
Explosive:	
Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *

9.2 Other information:

Surface tension at 20 ºC:	Non-applicable *
Refraction index:	Non-applicable *

*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.

10.2 Chemical stability:

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

10.3 Possibility of hazardous reactions:

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SECTION 10: STABILITY AND REACTIVITY (continued)

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	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Combustive 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 toxicological effects:

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

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, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

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

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

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 dangerous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.

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

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

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

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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

H- Aspiration hazard:

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

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Hexyl cinnam-aldehyde	LD50 oral	3100 mg/kg	Rat
CAS: 101-86-0	LD50 dermal	3000 mg/kg	Rabbit
EC: 202-983-3	LC50 inhalation	Non-applicable	
Ethanol	LD50 oral	6200 mg/kg	Rat
CAS: 64-17-5	LD50 dermal	20000 mg/kg	Rabbit
EC: 200-578-6	LC50 inhalation	124,7 mg/L (4 h)	Rat
2,6-dimethyloct-7-en-2-ol	LD50 oral	3600 mg/kg	
CAS: 18479-58-8	LD50 dermal	Non-applicable	
EC: 242-362-4	LC50 inhalation	Non-applicable	
Linalool	LD50 oral	3000 mg/kg	Rat
CAS: 78-70-6	LD50 dermal	5610 mg/kg	Rabbit
EC: 201-134-4	LC50 inhalation	Non-applicable	
Linalyl acetate	LD50 oral	14500 mg/kg	Rat
CAS: 115-95-7	LD50 dermal	5610 mg/kg	Rabbit
EC: 204-116-4	LC50 inhalation	Non-applicable	
a-methyl-1,3-benzodioxole-5-propionaldehyde	LD50 oral	3550 mg/kg	Rat
CAS: 1205-17-0	LD50 dermal	Non-applicable	
EC: 214-881-6	LC50 inhalation	Non-applicable	

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Identification	Acute toxicity		Species	Genus
Ethanol	LC50	11000 mg/L (96 h)	Alburnus alburnus	Fish
CAS: 64-17-5	EC50	9268 mg/L (48 h)	Daphnia magna	Crustacean
EC: 200-578-6	EC50	1450 mg/L (192 h)	Microcystis aeruginosa	Algae
Hexyl cinnam-aldehyde	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 101-86-0	EC50	0.1 - 1 mg/L		Crustacean
EC: 202-983-3	EC50	0.1 - 1 mg/L		Algae
2,6-dimethyloct-7-en-2-ol	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 18479-58-8	EC50	0.1 - 1 mg/L		Crustacean
EC: 242-362-4	EC50	0.1 - 1 mg/L		Algae
Linalool	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 78-70-6	EC50	0.1 - 1 mg/L (48 h)		Crustacean
EC: 201-134-4	EC50	0.1 - 1 mg/L (96 h)		Algae
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 54464-57-2	EC50	0.1 - 1 mg/L		Crustacean
EC: 259-174-3	EC50	0.1 - 1 mg/L		Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
a-methyl-1,3-benzodioxole-5-propionaldehyde	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 1205-17-0	EC50	0.1 - 1 mg/L		Crustacean
EC: 214-881-6	EC50	0.1 - 1 mg/L		Algae
a,ß,2,2,3-pentamethylcyclopent-3-ene-1-butanol	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 65113-99-7	EC50	0.1 - 1 mg/L		Crustacean
EC: 265-453-0	EC50	0.1 - 1 mg/L		Algae

12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 34590-94-8	COD	0.00202 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Non-applicable	% Biodegradable	73 %
Ethanol	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 64-17-5	COD	Non-applicable	Period	14 days
EC: 200-578-6	BOD5/COD	0.57	% Biodegradable	89 %
2,6-dimethyloct-7-en-2-ol	BOD5	Non-applicable	Concentration	10 mg/L
CAS: 18479-58-8	COD	Non-applicable	Period	28 days
EC: 242-362-4	BOD5/COD	Non-applicable	% Biodegradable	72 %
Linalool	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 78-70-6	COD	Non-applicable	Period	28 days
EC: 201-134-4	BOD5/COD	0.55	% Biodegradable	90 %
Linalyl acetate	BOD5	Non-applicable	Concentration	81 mg/L
CAS: 115-95-7	COD	Non-applicable	Period	28 days
EC: 204-116-4	BOD5/COD	Non-applicable	% Biodegradable	80 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
Dipropylene Glycol Methyl Ether	BCF	1
CAS: 34590-94-8	Pow Log	-0.06
EC: 252-104-2	Potential	Low
Ethanol	BCF	3
CAS: 64-17-5	Pow Log	-0.31
EC: 200-578-6	Potential	Low
Hexyl cinnam-aldehyde	BCF	17
CAS: 101-86-0	Pow Log	
EC: 202-983-3	Potential	Low
Linalool	BCF	39
CAS: 78-70-6	Pow Log	2.97
EC: 201-134-4	Potential	Moderate
Linalyl acetate	BCF	174
CAS: 115-95-7	Pow Log	3.9
EC: 204-116-4	Potential	High

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Hydrocarbons, C3-4-rich, petroleum distillate	Koc	Non-applicable	Henry	Non-applicable
CAS: 68512-91-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 270-990-9	Surface tension	1,187E-2 N/m (25 ºC)	Moist soil	Non-applicable
Ethanol	Koc	1	Henry	4,61E-1 Pa·m³/mol
CAS: 64-17-5	Conclusion	Very High	Dry soil	Yes
EC: 200-578-6	Surface tension	2,339E-2 N/m (25 ºC)	Moist soil	Yes
Linalyl acetate	Koc	518	Henry	177 Pa·m³/mol
CAS: 115-95-7	Conclusion	Low	Dry soil	Yes
EC: 204-116-4	Surface tension	Non-applicable	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION (continued)

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
16 05 04*	gases in pressure containers (including halons) containing hazardous substances	Dangerous

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

HP14 Ecotoxic, HP3 Flammable

Waste management (disposal and evaluation):

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-dangerous residue. We do not recommended disposal down the drain. 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

Transport of dangerous goods by land:

With regard to ADR 2017 and RID 2017:

14.1	**UN number:**	UN1950
14.2	**UN proper shipping name:**	AEROSOLS, flammable
14.3	**Transport hazard class(es):**	2
	Labels:	2.1
14.4	**Packing group:**	N/A
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Special regulations:	190, 327, 344, 625
	Tunnel restriction code:	D
	Physico-Chemical properties:	see section 9
	Limited quantities:	1 L
14.7	**Transport in bulk according to Annex II of Marpol and the IBC Code:**	Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 38-16:

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SECTION 14: TRANSPORT INFORMATION (continued)

14.1	**UN number:**	UN1950
14.2	**UN proper shipping name:**	AEROSOLS, flammable
14.3	**Transport hazard class(es):**	2
	Labels:	2.1
14.4	**Packing group:**	N/A
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Special regulations:	190, 277, 327, 344, 63, 959
	EmS Codes:	F-D, S-U
	Physico-Chemical properties:	see section 9
	Limited quantities:	1 L
14.7	**Transport in bulk according to Annex II of Marpol and the IBC Code:**	Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2017:

14.1	**UN number:**	UN1950
14.2	**UN proper shipping name:**	AEROSOLS, flammable
14.3	**Transport hazard class(es):**	2
	Labels:	2.1
14.4	**Packing group:**	N/A
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Physico-Chemical properties:	see section 9
14.7	**Transport in bulk according to Annex II of Marpol and the IBC Code:**	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Ethanol.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Ethanol (Product-type 1, 2, 4, 6)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

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

Non-applicable

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

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SECTION 15: REGULATORY INFORMATION (continued)

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers
Commission Directive 94/1/EC of 6 January 1994 adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of the relating Member States to aerosol dispensers
Commission Directive 2008/47/EC of 8 April 2008 amending, for the purposes of adapting to technical progress, Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers
Commission Directive 2013/10/EU of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
COMMISSION DIRECTIVE (EU) 2016/2037 of 21 November 2016 amending Council Directive 75/324/EEC as regards the maximum allowable pressure of aerosol dispensers and to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

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 (Regulation (EC) No 2015/830)

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

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects
H317: May cause an allergic skin reaction
H229: Pressurised container: May burst if heated
H222: Extremely flammable aerosol

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. 4: H302 - Harmful if swallowed
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
Eye Irrit. 2: H319 - Causes serious eye irritation
Flam. Gas 1: H220 - Extremely flammable gas
Flam. Liq. 2: H225 - Highly flammable liquid and vapour
Flam. Liq. 3: H226 - Flammable liquid and vapour
Press. Gas: H280 - Contains gas under pressure, may explode if heated
Skin Irrit. 2: H315 - Causes skin irritation
Skin Sens. 1B: H317 - May cause an allergic skin reaction

Classification procedure:

Aquatic Chronic 3: Calculation method
Skin Sens. 1B: Calculation method
Aerosol 1: Calculation method
Aerosol 1: Calculation method

Advice related to training:

Minimal 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:

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SECTION 16: OTHER INFORMATION (continued)

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: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol–water partition coefficient
Koc: Partition coefficient of organic carbon

- END OF SAFETY DATA SHEET -