

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 18.04.2018

Version number 2

Revision: 20.11.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** AEROSOL SPRAY MYSTERY**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture: Room deodorant - Air freshener**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

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****Classification according to Regulation EC No 1272/2008 CLP:**

GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

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

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

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS02 GHS07

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Trade name: AEROSOL SPRAY MYSTERY

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Signal word: Danger

Hazard-determining components of labelling:

α-hexylcinnamaldehyde
Limonene (Dipentene)
Amberonne
Hydroxy-citronellal
Citronellol

Hazard statements:

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

Precautionary statements

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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification according to Directive 75/324/EEC (ADD) and its amendments:

The product is classified according to the Directive 75/324/EEC (ADD) and its amendments, because its an aerosol dispenser product.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients
3.2 Chemical characterisation: Mixtures
Description: Room deodorant - Air freshener

Ingredients according Regulation (EU) 830/2015:

CAS: 68512-91-4 EINECS: 270-990-9 Index number: 649-083-00-0 Reg.nr.: 01-2119485926-20-XXXX	Hydrocarbons, C3-4-rich, petroleum distillate ⚠ Flam. Gas 1, H220; Press. Gas C, H280	50-100%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	ethanol ⚠ Flam. Liq. 2, H225	2.5-<10%
CAS: 101-86-0 EINECS: 202-983-3	α-hexylcinnamaldehyde ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Sens. 1, H317	1-≤2.5%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7 Reg.nr.: 01-2119529223-47-XXXX	Limonene (Dipentene) ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%

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CAS: 54464-57-2 EINECS: 259-174-3	Amberonne ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 107-75-5 EINECS: 203-518-7 Reg.nr.: 01-2119973482-31-XXXX	Hydroxy-citronellal ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317	0.1-<1%
CAS: 1222-05-5 EINECS: 214-946-9 Index number: 603-212-00-7 Reg.nr.: 01-2119488227-29-XXXX	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-≤2.5%
CAS: 106-22-9 EINECS: 203-375-0	Citronellol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.1-<1%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation:

Seek medical treatment in case of complaints.

Avoid breathing vapor, mist or spray

Take affected persons into fresh air and keep quiet.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Remove contaminated clothing.

After eye contact:

Rinse opened eye for at least 15 minutes under running water.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, dry chemical powder, foam, earth or sand

5.2 Special hazards arising from the substance or mixture

Pressurized container may explode in a fire. Pressurized container may explode if heated, due to excessive pressure build-up.

5.3 Advice for firefighters

Protective equipment:

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

Avoid contact with oxidising agents.

Goggles and/ or face shield, if contact with eyes or splashes are anticipated.

Ensure adequate ventilation.

Avoid contact with skin and eyes.

6.1.1 For non-emergency personnel

Keep away from ignition sources.

Ensure sufficient ventilation.

Avoid inhalation of dust.

6.1.2 For emergency responders Use safety goggles, in case of contact with the eyes.**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.**6.3 Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Open and handle receptacle with care.

Handle with care. Avoid jolting, friction and impact.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin, eyes and clothing.

Use in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

Flammable gas-air mixtures may form in empty receptacles.

Keep it in a dry, cool, well ventilated, fixed in advance place, away from sources of heat, flames, ignition and direct sunlight.

7.2 Conditions for safe storage, including any incompatibilities**Storage:** Protect from heat and direct sunlight.**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.

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Further information about storage conditions:

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
57-55-6 propane-1,2-diol

WEL (Great Britain)	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates
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64-17-5 ethanol

WEL (Great Britain)	Long-term value: 1920 mg/m ³ , 1000 ppm
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DNELs

Propane-1,2-diol cas number: 57-55-6

Workers long-term systemic effects via inhalation route : 168 mg/m³

Workers long-term local effects via inhalation route : 10 mg/m³

Consumers long-term systemic effects via inhalation route : 50 mg/m³

Consumers long-term local effects via inhalation route : 10 mg/m³

Ethanol cas number: 64-17-5

Workers long-term exposure systemic effects via inhalation route: 950 mg/m³

Workers acute/short term exposure local effects: 1900 mg/m³

Workers systemic effects long-term exposure via dermal route: 343 mg/kg bw/day

General Population systemic effects long-term exposure via inhalation route : 114 mg/m³

General Population local effects acute/short term exposure via inhalation route : 950 mg/m³

General Population systemic effects long term exposure via dermal route : 206 mg/kg bw/day

General Population systemic effects long term exposure via oral route : 87 mg/kg bw/day

PNECs

Propane-1,2 -diol cas number: 57-55-6

Fresh water : 260 mg/l

Marine water : 26 mg/l

Intermittent releases : 183 mg/l

STP : 20000 mg/l

Fresh water sediment : 572 mg/kg d.w.

Marine sediment : 57.2 mg/kg d.w.

Soil : 50 mg/kg d.w.

Ethanol cas number: 64-17-5

Freshwater : 0.96 mg/l

Marine water : 0.79 mg/l

Intermittent releases : 2.75 mg/l

STP : 580 mg/l

Sediment (freshwater) : 3.6 mg/kg sediment dw

Sediment (marine water) : 2.9

Soil : 0.63 mg/kg soil dw

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8.2 Exposure controls

8.2.1. Appropriate engineering controls Use of local ventilation is advised.

Personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while using the product.

Do not inhale gases / fumes / aerosols.

Respiratory protection: Not required under normal conditions of use.

Protection of hands: Not required under normal conditions of use.

Eye protection: Not required under normal conditions of use.

Body protection: Not required under normal conditions of use.

Environmental exposure controls: Prevent from entering sewers or the immediate environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Aerosol
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined

pH value: Not determined

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not applicable

Flash point: Not applicable

Flammability (solid, gas): Not applicable

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: Not determined

Upper: Not determined

Oxidising properties Not considered as oxidising.

Vapour pressure: Not determined

Density: Not determined

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Relative density Not determined

Vapour density Not determined

Evaporation rate Not applicable

Solubility in / Miscibility with water: Partly miscible.

Partition coefficient: n-octanol/water: Not determined

Viscosity:
Dynamic: Not determined

Kinematic: Not determined

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Stable under normal conditions

10.2 Chemical stability Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

The product should not be exposed to high temperatures, sparks, flame and electrostatic charges.

10.5 Incompatible materials Oxidising agents

10.6 Hazardous decomposition products No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:
64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	20000 mg/l (rat)

5989-27-5 Limonene (Dipentene)

Oral	LD50	4400 mg/kg (rat)
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106-22-9 Citronellol

Oral	LD50	3450 mg/kg (rat)
Dermal	LD50	2650 mg/kg (rabbit)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

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

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STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

Aerosols, flammable

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14.3 Transport hazard class(es)
ADR


Class	2 5F Gases.
Label	2.1

IMDG, IATA


Class	2.1
Label	2.1

14.4 Packing group

ADR, IMDG, IATA	Void
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14.5 Environmental hazards:

Marine pollutant:	No
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14.6 Special precautions for user	Warning: Gases.
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Danger code (Kemler):	-
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EMS Number:	F-D,S-U
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Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
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Segregation Code
**14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code**

Not applicable.

Transport/Additional information:
ADR

Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
Remarks:	Less than 1L

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IMDG
Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered.

The product is classified according to the Directive 75/324/EEC (ADD) and its amendments, because its an aerosol dispenser product.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40

National regulations:

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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.

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Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Department issuing SDS: Product safety department.**Contact:** Spring Air**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas C: Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**

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