

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

Printing date 18.01.2021

Version number 1

Revision: 10.01.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: AFROSO FRESH SPRAY VANILLA BLOSSOM

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

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GR. SARANTIS S.A.

26, Amaroussiou - Halandriou Str.,

151 25 Maroussi, Athens

Tel: +30 210 6173000 - Fax: +30 210 6197100

e-mail: info@sarantis.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:



flame

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



Eye Irrit. 2 H319 Causes serious eye irritation.

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

Signal word: Danger

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Hazard-determining components of labelling:

4-tert-Butylcyclohexyl acetate
Coumarin

Hazard statements:

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

H319 Causes serious eye irritation.

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.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

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

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture consisting of the following dangerous ingredients:

Ingredients according Regulation (EU) 2020/878:

| | | |
|--|---|-------------|
| CAS: 68476-40-4 EINECS: 270-681-9 Index number: 649-199-00-1 | Hydrocarbons, C3-4 | ≥25-≤50% |
| | ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280 | |
| CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 | ethanol | ≥25-≤50% |
| | ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319 | |
| CAS: 32210-23-4 EINECS: 250-954-9 | 4-tert-Butylcyclohexyl acetate | ≥1-≤2.5% |
| | ⚠ Skin Sens. 1B, H317 | |
| CAS: 106-30-9 EINECS: 203-382-9 | Ethyl heptanoate | ≥0.25-≤2.4% |
| | ⚠ Aquatic Chronic 1, H410 | |
| CAS: 91-64-5 EINECS: 202-086-7 | Coumarin | ≥0.1-≤1% |
| | ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412 | |

Additional information: For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.

Seek immediate medical advice.

After inhalation:

Seek medical treatment in case of complaints.

If breathing is difficult, supply oxygen.

After skin contact:

Wash the skin immediately with soap and water.

In case of skin irritation, consult a physician.

After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 15 minutes.

Get medical attention if irritation occurs.

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

After swallowing:

Rinse mouth.

Do not induce vomiting.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: Eye contact may cause irritation (redness, tearing, pain).

Inhalation: Prolonged exposure to spray droplets, fog, or vapors may cause respiratory irritation.

Skin contact: Skin contact may cause irritation (redness, itching).

4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Carbon dioxide, sand.

Sand or earth

Alcohol-resistant foam

For safety reasons unsuitable extinguishing agents: Water with full jet**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.

In case of fire, the following can be released:

Carbon monoxide (CO)

oxides

5.3 Advice for firefighters**Protective equipment:**

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

Wear protective goggles.

Additional information

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

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Cool the containers with water spray from a safe distance.

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.

Ensure adequate ventilation.

Avoid contact with skin and eyes.

6.1.1 For non-emergency personnel Avoid contact with dripping or leaking material

6.1.2 For emergency responders

Wear protective equipment. Keep unprotected persons away.

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Avoid subsoil penetration

Ensure good ventilation/ exhaustion at the workplace.

In case of seepage into the ground inform responsible authorities.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation

Do not flush with water.

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.

Avoid contact with eyes, skin and clothing.

Ensure good ventilation.

Vapors are heavier than air and can spread along floors.

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:

Store in cool, dry conditions in well sealed receptacles.

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Store in containers with appropriate markings.

Store the product in closed original containers in a well-ventilated room.

Avoid heat, radiation, static electricity and contact with food.

Storage temperature 5 – 30 °C

Do not store the product at temperatures <50 °C

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:

Do not store together with acids.

Do not store together with alkalis (caustic solutions).

Store away from oxidising materials.

Further information about storage conditions: Keep container tightly sealed.

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:

CAS: 64-17-5 ethanol

WEL (Great Britain) Long-term value: 1920 mg/m³, 1000 ppm

8.2 Exposure controls

8.2.1. Appropriate engineering controls Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Take off contaminated clothing and wash before reuse.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Respiratory protection:



In case of insufficient ventilation use suitable respiratory protective device.

Respiratory protection in case of working in the atmosphere with higher than standard concentration of substances present in the preparation - with particle filter marked with white colour and symbol P2 as well as PAR filter marked with brown colour and letter A2.

Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection



Tightly sealed goggles (EN 166).

Body protection:



Protective work clothing

Environmental exposure controls Do not release the product into the environment without control.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Aerosol

Colour:

Colorless to yellowish

Odour:

Characteristic of the perfume

Odour threshold:

Not determined

Boiling point or initial boiling point and boiling range

Not applicable

Flammability

Not applicable

Lower and upper explosion limit

Lower:

Not determined

Upper:

Not determined

Flash point:

Not applicable

Auto-ignition temperature:

Product is not selfigniting.

Decomposition temperature:

Not determined

pH

Not determined

Viscosity:

Kinematic viscosity

Not determined

Kinematic viscosity

Dynamic:

Not determined

Solubility

water:

Slightly soluble

The solubility in water and other solvents: in organic solvents very good

Partition coefficient n-octanol/water (log value)

Not determined

Vapour pressure:

3.5-5.5 bar

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Density and/or relative density**Density at 20 °C:** 0.66-0.67 g/cm³**Relative density** Not determined**Vapour density** Not determined**9.2 Other information****Appearance:****Form:** Aerosol**Important information on protection of health and environment, and on safety.****Auto-ignition temperature:** Not determined**Explosive properties:** Not determined.**Cloud point / clarification point:****Oxidising properties** Not oxidising**Evaporation rate** Not applicable**Information with regard to physical hazard classes****Explosives**

Void

Void

Flammable gases

Void

Void

Aerosols

Extremely flammable aerosol. Pressurised container: May burst if heated.

Void

Oxidising gases

Void

Void

Gases under pressure

Void

Void

Flammable liquids

Void

Void

Flammable solids

Void

Void

Self-reactive substances and mixtures

Void

Void

Pyrophoric liquids

Void

Void

Pyrophoric solids

Void

Void

Self-heating substances and mixtures

Void

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Void

Substances and mixtures, which emit flammable gases in contact with water

Void

Void

Oxidising liquids

Void

Void

Oxidising solids

Void

Void

Organic peroxides

Void

Void

Corrosive to metals

Void

Void

Desensitised explosives

Void

Void

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 Threat of exothermic reaction.

10.4 Conditions to avoid

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

Avoid exposure to temperatures ≥ 50 °C

10.5 Incompatible materials

Oxidizing agents

Acids

Bases

10.6 Hazardous decomposition products

Nitrogen oxides

Carbon dioxide

Carbon monoxide

SECTION 11: Toxicological information

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

Acute toxicity

LD/LC50 values relevant for classification:

CAS 68476-40-4 Hydrocarbons, C3-4

Petroleum gas

LC50 – inhalation 658 mg/l/4h

(CAS : 64-17-5) Ethanol

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LC50 – inhalation rat 20 000 ppm/10h
LC50 – inhalation mouse 39 mg/m³/4h
LD50 – oral rat 7 060 mg/kg
LD50 – oral mouse 3 450 mg/kg
LD50 – oral rabbit 6 300 mg/kg
CAS 91-64-5 Coumarin

LD50 – oral rat 293 mg/kg

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Additional toxicological information:

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

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS 64-17-5 Ethanol

LC50 – fish (*Oncorhynchus mykiss*) 12900-15300 mg/l/96h

EC50 – bacteria 34900 mg/l/5-30min

12.2 Persistence and degradability Biodegradable.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes:

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

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.

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Contact manufacturer for recycling information.

Waste disposal key: type 16 03 06 - organic wastes other than 16 03 05**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

Packages according to:

type 15 01 04 – packages of metal.

Do not reuse empty containers.

The worn out product and the package deliver to hazardous waste dump and according to National Regulations.

SECTION 14: Transport information**14.1 UN number or ID number****ADR, IMDG, IATA**

UN1950

14.2 UN proper shipping name**ADR**

1950 AEROSOLS

IMDG, IATA

AEROSOLS

14.3 Transport hazard class(es)**ADR****Class**

2.5F Gases.

Label

2.1

IMDG, IATA**Class**

2 Gases.

Label

2.1

14.4 Packing group**ADR, IMDG, IATA**

Void

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user

Warning: Gases.

Hazard identification number (Kemler code):

-

EMS Number:

F-D,S-U

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.

Segregation Code

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.

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14.7 Maritime transport in bulk according to IMO instruments

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.
 Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

Excepted quantities (EQ)

1L

Code: E0

Not permitted as Excepted Quantity

Transport category

2

Tunnel restriction code

D

IMDG

Limited quantities (LQ)

Excepted quantities (EQ)

1L

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) 2020/878

CLP Regulation 1272/2008/EC

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

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms



GHS02 GHS07

Signal word Danger

Hazard-determining components of labelling:

4-tert-Butylcyclohexyl acetate

Coumarin

Hazard statements

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

H319 Causes serious eye irritation.

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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.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

Directive 2012/18/EU**Named dangerous substances - ANNEX I** Does not contain named substances.**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**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.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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:

SUSTCHEM SUSTCHEM S.A.
REACH & Chemical Services Department
A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece
T: +30 210 8252510 | F: +30 210 8252575
W: www.sustchem.gr | E: info@suschem.gr

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Abbreviations and acronyms:

ADR: Accord relatif au transport international 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)
 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 1A: Flammable gases – Category 1A
 Aerosol 1: Aerosols – Category 1
 Press. Gas (Comp.): Gases under pressure – Compressed gas
 Flam. Liq. 2: Flammable liquids – Category 2
 Acute Tox. 4: Acute toxicity – Category 4
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Skin Sens. 1: Skin sensitisation – Category 1
 Skin Sens. 1B: Skin sensitisation – Category 1B
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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