

Safety Data Sheet

AIR FLOR GEL AIR FRESHENER VANILLA



Safety Data Sheet dated 20/10/2022, version 3

Conforms to Regulation (EC) No. 878/2020

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

1.1. Product identifier

Trade name: AIR FLOR GEL AIR FRESHENER VANILLA
Trade code: 5975-1

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Household air-freshener

1.3. Details of the supplier of the safety data sheet

Company:
RE.LE.VI. S.p.A. - Via Postumia n.1- 46040 RODIGO Mantova - Italia
Phone +39.0376.684011 - FAX +39.0376.658076
www.relevi.it - info@relevi.it

Competent person responsible for the safety data sheet:
sds@relevi.it

1.4. Emergency telephone number

Company +39 0376 780632 (24/24h - 7/7d - Italian/English)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

Special Provisions:

EUH208 Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

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2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number		Classification
$\geq 1\% - < 2,5\%$	Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO)	CAS:	68439-54-3	3.1/4/Oral Acute Tox. 4 H302 3.3/1 Eye Dam. 1 H318
$< 0.05\%$	1,2-benzisothiazolin-3-one	Index number:	613-088-00-6	3.1/4/Oral Acute Tox. 4 H302 3.2/2 Skin Irrit. 2 H315 3.4.2/1 Skin Sens. 1 H317 3.3/1 Eye Dam. 1 H318 4.1/A1 Aquatic Acute 1 H400 4.1/C2 Aquatic Chronic 2 H411 Specific Concentration Limits: C $\geq 0,05\%$: Skin Sens. 1 H317
		CAS:	2634-33-5	
		EC:	220-120-9	

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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SECTION 5: Firefighting measures

- 5.1. Extinguishing media
 - Suitable extinguishing media:
 - Water.
 - Carbon dioxide (CO₂).
 - Extinguishing media which must not be used for safety reasons:
 - None in particular.
- 5.2. Special hazards arising from the substance or mixture
 - Do not inhale explosion and combustion gases.
 - Burning produces heavy smoke.
- 5.3. Advice for firefighters
 - Use suitable breathing apparatus .
 - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
 - Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
 - For non emergency personnel:
 - Wear personal protection equipment.
 - Remove persons to safety.
 - See protective measures under point 7 and 8.
 - For emergency responders:
 - Wear personal protection equipment.
- 6.2. Environmental precautions
 - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
 - Retain contaminated washing water and dispose it.
 - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
 - Wash with plenty of water.
- 6.4. Reference to other sections
 - See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists.
 - Don't use empty container before they have been cleaned.
 - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 - See also section 8 for recommended protective equipment.
 - Advice on general occupational hygiene:
 - Contaminated clothing should be changed before entering eating areas.
 - Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
 - Maintain between 4 and 38 °C
 - Keep away from food, drink and feed.
 - Incompatible materials:
 - None in particular.
 - Instructions as regards storage premises:
 - Adequately ventilated premises.
- 7.3. Specific end use(s)

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None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Solid	--	--
Colour:	Neutral	--	--
Odour:	Vanilla	--	--
Melting point/freezing point:	Not available	--	--
Boiling point or initial boiling point and boiling range:	Not available	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	Not available	--	--
Flash point:	Not available	--	--
Auto-ignition temperature:	Not available	--	--
Decomposition temperature:	Not available	--	--
pH (sol. 1%):	7.0± 2.0	--	--

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Kinematic viscosity:	N.A.	--	--
Solubility in water:	Soluble	--	--
Solubility in oil:	Not available	--	--
Partition coefficient n-octanol/water (log value):	Not available	--	--
Vapour pressure:	Not available	--	--
Density and/or relative density:	Not available	--	--
Relative vapour density:	Not available	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information
No other relevant information

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicological information of the product:
AIR FLOR GEL AIR FRESHENER VANILLA
 - a) acute toxicity
Not classified
Based on available data, the classification criteria are not met
 - b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met
 - c) serious eye damage/irritation
The product is classified: Eye Irrit. 2 H319
 - d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met
 - e) germ cell mutagenicity

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- Not classified
Based on available data, the classification criteria are not met
- f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
- g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
- h) STOT-single exposure
Not classified
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
- j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met
- Toxicological information of the main substances found in the product:
Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) - CAS: 68439-54-3
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
- b) skin corrosion/irritation:
Species: Rabbit Negative
- c) serious eye damage/irritation:
Species: Rabbit Positive
- d) respiratory or skin sensitisation:
Test: SKIN_SENS - Species: GUINEA PIG Negative
1,2-benzisothiazolin-3-one - CAS: 2634-33-5
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 490 mg/kg
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg
- b) skin corrosion/irritation:
Test: OECD4014 - Route: Skin - Species: Rabbit Positive
- d) respiratory or skin sensitisation:
Route: Skin - Species: GUINEA PIG Positive
- e) germ cell mutagenicity:
Test: NOAEL - Route: Oral - Species: Rat = 112 mg/kg
- g) reproductive toxicity:
Test: NOAEL - Route: Oral - Species: Rat
- 11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
- AIR FLOR GEL AIR FRESHENER VANILLA
Not classified for environmental hazards
Based on available data, the classification criteria are not met
Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) - CAS: 68439-54-3
- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48

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- Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72
- b) Aquatic chronic toxicity:
 Endpoint: EC50 - Species: Fish > 0.1 mg/l
 Endpoint: EC50 - Species: Daphnia = 2.6 mg/l
- c) Bacteria toxicity:
 Endpoint: EC50 = 140 mg/l
- 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
- a) Aquatic acute toxicity:
 Endpoint: EC50 - Species: Daphnia = 2.9 mg/l - Duration h: 48
 Endpoint: LC50 - Species: Fish = 2.15 mg/l - Duration h: 96
 Endpoint: EC50 - Species: Algae = 0.11 mg/l - Duration h: 72
 Endpoint: NOEC - Species: Algae = 0.0403 mg/l - Duration h: 72
- 12.2. Persistence and degradability
 Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) - CAS: 68439-54-3
 Biodegradability: Readily biodegradable - Test: BIODG07 - Duration: 28GG - %: 60 -
 Notes: OECD TG 301 B
- 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 Biodegradability: Readily biodegradable - Test: CO2 Evolution Test - Duration: 28GG - %: 100 - Notes: OECD 301B Ready Biodegradability
- 12.3. Bioaccumulative potential
 Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) - CAS: 68439-54-3
 Bioaccumulation: .2
- 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 Bioaccumulation: .2 - Test: BIOAC03 0.7
 Bioaccumulation: .2 - Test: BCF - Bioconcentration factor 6.62
- 12.4. Mobility in soil
 Alcohols, C11-13-branched, ethoxylated (>2.5 moles EO) - CAS: 68439-54-3
 Mobility in soil: Not mobile - Test: Koc 4200
- 12.5. Results of PBT and vPvB assessment
 vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
 No endocrine disruptor substances present in concentration >= 0.1%
- 12.7. Other adverse effects
 None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
 Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number or ID number
 Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name
 N.A.
- 14.3. Transport hazard class(es)
 N.A.
- 14.4. Packing group
 N.A.
- 14.5. Environmental hazards
 ADR-Environmental Pollutant: No
 IMDG-Marine pollutant: No

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- 14.6. Special precautions for user
N.A.
- 14.7. Maritime transport in bulk according to IMO instruments
N.A.

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
Restrictions related to the product:
No restriction.
Restrictions related to the substances contained:
Restriction 75
Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)
Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
None
- 15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.
Substances for which a Chemical Safety Assessment has been carried out:
None

SECTION 16: Other information

- Text of phrases referred to under heading 3:
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

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H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2, H319	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
BIODG06: CO2 Evolution Test
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EC50: Effect Concentration 50
EINECS: European Inventory of Existing Commercial Chemical Substances.
GefStoffVO: Ordinance on Hazardous Substances, Germany.

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GG:	Days
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not applicable
NOEC:	no effective concentration observed
OECD:	Organization for Economic Cooperation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.