

SAFETY DATA SHEET REGULATION (EC) No: 1907/2006 (REACH)

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

1.1. Product identifier:

Product name: ATTIS Air Freshener Spray – Garden Flower

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

Aerosol, air freshener.

1.3. Details of the supplier of the safety data sheet

GOLD DROP Sp. z o.o.

Address: 34-600 Limanowa, Rzeczna 11d ; Poland

Phone Number: 0048 18 3301600

E-mail: msds@golddrop.eu

1.4. Emergency telephone number

Health Toxicology Information Service (HTIS)

Address: 2. Nagyváradi tér, Budapest, 1096, Hungary

Telephone: +36 80 201 199

+36 1 476 6464

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Determination of the product: mixture

Classification according to 1272/2008/EC regulation

Flam. Aerosol 1 H222, H229

The full text for all Classification and Hazard Statements is displayed in Section 16.

Main adverse physico-chemical properties to human health and the environment:

Container under pressure.

Contains Methylchloroisothiazolinone, Methylisothiazolinone. May produce an allergic reaction.

2.2. Label elements

Hazard pictogram:



Word of caution: Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurized container: May burst if heated.

Precautionary statements:

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

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

P403 Store in a well-ventilated place

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Additional hazard information:

EUH208 - Contains Methylchloroisothiazolinone, Methylisothiazolinone. May produce an allergic reaction.

2.3. Other hazards:

None known. Results of PBT and vPvB assessment: not prepared for the product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredients	EU-number	CAS-number	Conc. (%)	Classification 1272/2008/EK	Type
Propane	200-827-9	74-98-6	<25	Flam. Gas 1 H220	(2)
Butane	203-448-7	106-97-8		Press. Gas H280	
Parfum	-	-	≤1,5	Aquatic Chronic 3 H412 EUH208	(1)

Type:

(1) Material classified according to health or environmental danger

(2) Material has occupational exposure limit

(3) Material meets the PBT criteria according to XIII. Annex of 1907/2006/EC decree

(4) Materials meet the vPvB criteria according to XIII. Annex of 1907/2006/EC decree

(5) Substance subject to authorization Annex XIV to Regulation (EC) No 1907/2006 Annex, or SVHC of particular concern. Occupational exposure limits, if available, are detailed in section 8.

The full text for all Classification and Hazard Statements is displayed in Section 16.

REACH number:

Propane: 01-2119486944-21

Butane: 01-2119474691-32

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Remove victim to fresh air, keep at rest in a position comfortable for breathing, loosen tight clothing. If unconscious, place in recovery position and get medical attention.

Skin contact: Remove contaminated clothing and footwear, wash affected skin area thoroughly with plenty of water. Seek medical attention if symptoms occur.

Eye contact: Rinse the eyes with running water for at least 10 minutes, pulling the edges of the eyelids apart and constantly moving the eyeball. Remove contact lenses, if present and easy to do. If symptoms persist for a long time, consult a specialist.

Ingestion: The packaging form (closed aerosol bottle) excludes the possibility of ingestion. If the spray accidentally gets into your mouth during use, the mouth should be rinsed with water. If necessary, the patient should receive medical attention.

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

No data is available on the product. See SECTION 11. for information on ingredients.

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

Treat symptomatically. No special treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water spray, dry powder, alcohol-resistant foam, CO₂.

Unsuitable extinguishing media: strong jet water.

5.2. Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture:

Fire or heating may increase the pressure and cause the container to rupture.

Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

5.3. Advice for firefighters

Protective measures: In the event of a large fire, wear protective clothing and self-contained breathing apparatus in a closed or poorly ventilated area.

Water spray or water mist may be used to cool containers exposed to fire, if not hazardous, containers should be removed from the fire area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Only emergency personnel can be on site, other people must be removed.

Personal precautions: Ensure adequate ventilation.

Open flames, sources of ignition and sparks must be removed.

6.2. Environmental precautions

Prevent spillage from spreading. Do not allow to enter into the ground or surface water.

6.3. Methods and material for containment and cleaning up

Absorb large spills or spillage with inert absorbent material (sand, ground) and collect in closed, labelled container, kept away from heat and sources of ignition. Contaminated material must be disposed of in accordance with regulations.

6.4. Reference to other sections

Personal protection: Check SECTION 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not spray on a naked flame or any incandescent material. Avoid inhalation of the spray of the preparation, direct skin and eyes contact with the preparation. Do not eat, drink or smoke during use. Wash hands after use. Keep out of reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original, intact, unopened container, well-ventilated place away from sunlight and away from open flames and sources of ignition and hot surfaces. Store away from food, out of reach of children. There is overpressure in the product. Do not pierce or burn, expose to temperature exceeding 50°C even after use.

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7.3. Specific end use(s).

The 1.2. uses specified in point. Instructions can be found on the label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Name of ingredient	Exposure threshold limit According to 5/2020. (II. 6.) ITM regulation
Butane	TWA: 2350mg/m ³ STEL: 9400 mg/m ³

8.2. Exposure controls

Personal protective equipment: No personal protective equipment required when the product is used properly and as directed. Adequate ventilation must be provided.

General protective and hygiene measures: Avoid contact with eyes, inhalation of spray. Adequate ventilation must be provided. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash your hands thoroughly after using the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Appearance:	Clear, colourless liquid, propane-butane propellant aerosol formulation
b) Odour:	perfume fragrance
c) Odour threshold:	not specified for the mixture
d) pH:	not specified for the mixture
e) Melting point/freezing point:	not specified for the mixture
f) Initial boiling point and boiling range:	not specified for the mixture
g) Flash point:	not specified for the mixture
h) Evaporation rate:	not specified for the mixture
i) Flammability (solid, gas):	not applicable
j) Upper/lower flammability or explosive limits:	not specified for the mixture
k) Vapour pressure:	not specified for the mixture
l) Vapour density:	not specified for the mixture
m) Relative density:	1,000 g/cm ³ (data for a solution without propellant)
n) Solubility(ies):	Soluble with water in any concentration.
o) Partition coefficient n-octanol/water:	no data available
p) Auto-ignition temperature:	not self-igniting
q) Decomposition temperature:	not specified for the mixture
r) Viscosity:	not specified for the mixture
s) Explosive properties:	propane-butane propellant composition
t) Oxidising properties:	does not show oxidizing properties

9.2. Other informations: propane-butane propellant, the container is pressurized.

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific data are available on the reactivity of this product or its ingredients.

10.2. Chemical stability

The product is stable at the required storage temperature under normal working conditions.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Temperatures above 50°C, sunlight, radiant heat, heating, ignition source, sparks, open flame.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Targeted toxicological studies have not been performed on the product. The human health assessment was made solely on the basis of its composition, the toxicological data for each component, the concentrations and classifications given in section 3, and the concentration limits of Regulation (EC) No 1272/2008.

The product is physically hazardous, flammable.

11.1. Information on toxicological effects

a) **Acute toxicity:** not specified for the mixture.

Substance(s):

Ingredients	Information
Propane	LC ₅₀ (inhalation, rat): >658 mg/l (literary data)
Butane	LC ₅₀ (inhalation, rat): 1443 mg/l (literary data)

b) **Skin corrosion / irritation:** not specified for the mixture.

c) **Serious eye damage / eye irritation:** not specified for the mixture.

d) **Respiratory or skin sensitization:** no special information available.

e) **Germ cell mutagenicity:** no special information available.

f) **Carcinogenicity:** no specific information available.

g) **Reproductive toxicity:** no specific information available.

h) **Specific target organ toxicity - single exposure (STOT):** no specific information available.

i) **Specific target organ toxicity - repeated exposure (STOT):** no specific information available.

j) **Aspiration hazard:** no specific information available.

SECTION 12: Ecological information

Ecological studies have not been performed on the product. It has been assessed solely on the basis of its composition, the data for each component, the concentrations and classifications given in section 3, and the concentration limits of Regulation (EC) No 1272/2008.

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12.1. Toxicity: not specified for the mixture.

Substance(s):

Ingredients	Information
Propane	LC ₅₀ (fish): 49,47 mg/l (literary data) LC ₅₀ (other aquatic organisms): 27,14 mg/l (literary data) EC ₅₀ (algae, 72 hours): 11,89 mg/l (literary data)
Butane	LC ₅₀ (fish): 24,11 mg/l (literary data) LC ₅₀ (other aquatic organisms): 14,22 mg/l literary data) EC ₅₀ (algae, 96 hours): 7,71 mg/l (literary data)

12.2. Persistence and degradability: not specified for the mixture.

12.3. Bioaccumulative potential: not specified for the mixture.

Substance(s):

Ingredients	Information
Propane	Log Kow ≤ 1,09-2,8 (literary data)
Butane	Log Kow ≤ 1,09-2,8 (literary data)

12.4. Mobility in soil: no specific information available.

12.5. Results of PBT and vPvB assessment: no specific information available.

12.6. Other adverse effects: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Generating waste should be avoided or minimized. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposed of empty, uncleaned packaging and packaging containing residual material may be disposed of in accordance with the regulations in force. The owner of the waste is responsible for the proper management of the generated waste and for compliance with the applicable legal regulations.

The emptied bottle can be disposed of as communal waste.

SECTION 14: Transport information

14.1. UN-number	1950
14.2. UN proper shipping name	AEROSOLS
14.3. Transport hazard class(es)	2
14.4. Packing group	-
14.5. Environmental hazards	none
14.6. Special precautions for user	none
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	not applicable

SECTION 15: Regulatory information

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

Considered European Union laws and regulations:

- Regulation (EC) No 1272/2008 on Classification, Labeling and Packaging of substances and mixtures (CLP Regulation)

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- Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- REGULATION 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (Text with EEA relevance)

Related Hungarian laws and regulations:

- 2000. year XXV. Act on Chemical Safety
- Decree 44/2000 (XII.27.) EüM on the detailed rules of certain procedures and activities related to dangerous substances and dangerous preparations
- 5/2020. (II. 6.) ITM Decree on the protection of the health and safety of workers exposed to chemical pathogens
- CLXXXV of 2012. Act on Waste Management
- Decree 72/2013 VM KöM on the list of wastes
- 225/2015 Government Decree on the conditions for carrying out activities related to hazardous waste
- 2015 LXXXIX. Act promulgating the consolidated text of Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), as amended and supplemented in 2011
- 34/2014. (X. 30.) NGM Decree on the requirements for the marketing of aerosol products and aerosol packaging

15.2. Chemical safety assessment No chemical safety report was prepared for the mixture.

SECTION 16: Other information

Abbreviations used in the safety data sheet:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service
EC ₁₀ :	10% effective concentration.
	The concentration at which any adverse effect is detected in 20% of the organisms tested.
EC ₅₀ :	Half maximal effective concentration
	The concentration of a drug, antibody or toxicant which induces a response halfway between the baseline and maximum after a specified exposure time
HTIS:	Health Toxicology Information Service
LC ₅₀ :	Lethal Concentration for the 50% of living organism.
LD ₅₀ :	Lethal Dose the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
LogKow:	Octanol-water partition coefficient
	The level of exposure to a substance above which humans should not be exposed
LogPow:	Octanol-water partition coefficient
OECD:	Organisation for Economic Cooperation and Development
PBT:	Persistent, Bioaccumulative, Toxic
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
TWA:	Time weighted Average
	The average exposure to a contaminant to which workers may be exposed without adverse effect over a period such as in an 8-hour day or 40-hour week (an average work shift).
STEL:	Short-Term Exposure Limit
	Limit value above which exposure to a chemical substance should not occur and usually relates to a 15 minute reference period.
UN:	four-digit numbers that identify hazardous materials, and articles (such as explosives, flammable liquids, oxidizers, toxic liquids, etc.) in the framework of international transport. Given by the United Nations

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vPvB: very Persistent, very Bioaccumulative

Full text of classifications:

Aquatic Chronic	Hazardous to the aquatic environment - chronic
Flam. Aerosol	Flammable aerosol
Flam. Gas	Flammable gas
Press. Gas	Pressurized gas

Full text of H-statements:

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H412	Harmful to aquatic life with long lasting effects

EUH208 Contains <name of sensitising substance>. May produce an allergic reaction.

Information for readers:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The safety data sheet describes the product in terms of safety requirements. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Changes to the previous release during the revision: All sections were affected.

End of safety data sheet