

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

AIR FRESHENER FOR A VACUUM CLEANER "AROLA" FLOWER

Creation date	20th January 2021	Revision no.	
Revision date		Version	1.0

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

1.1. Product identifier AIR FRESHENER FOR A VACUUM CLEANER "AROLA" FLOWER

Substance / mixture mixture
UFI S10F-A2YR-4006-DFVG

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

Mixture's intended use

Consumer uses - Air freshener for a vacuum cleaner.

The use descriptors

PC 28 Perfumes, fragrances

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

Main intended use

PC-AIR-OTH Other air care products

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	„POL-HUN" M. Bielska sp.j.
Address	11-Go Listopada 65, KOLUSZKI, 95-040 Poland
Phone	+ 48 44 725 30 00
E-mail	polhun@polhun.pl

Competent person responsible for the safety data sheet

Name	„POL-HUN" M. Bielska sp.j.
E-mail	polhun@polhun.pl

1.4. Emergency telephone number

+48 (44) 725 30 19 (LABORATORY „POL-HUN" M. BIELSKA SP. J. (available during working days from 7:00 a.m. up 20:00 p.m.)
European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Irrit. 2, H315
Skin Sens. 1B, H317
Eye Irrit. 2, H319
Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Warning

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Hazardous substances

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
Linalool
Benzyl Salicylate
Linalyl acetate
2-(4-tert-butylbenzyl)propionaldehyde
o-methyl-1,3-benzodioxole-5-propionaldehyde
3-p-cumenyl-2-methylpropionaldehyde
d-limonene

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container to segregated municipal waste in accordance with national regulations.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 18479-58-8 EC: 242-362-4 Registration number: 01-2119457274-37-xxxx	2,6-dimethyloct-7-en-2-ol	5-<10	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 140-11-4 EC: 205-399-7 Registration number: 01-2119638272-42-xxxx	Benzyl acetate	5-<10	Aquatic Chronic 3, H412	
EC: 915-730-3 Registration number: 01-2119489989-04-xxxx	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	5-<10	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
CAS: 78-70-6 EC: 201-134-4 Registration number: 01-2119474016-42-xxxx	Linalool	3-<5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 60-12-8 EC: 200-456-2 Registration number: 01-2119963921-31-xxxx	2-phenylethanol	3-<5	Acute Tox. 4, H302 Eye Irrit. 2, H319	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 118-58-1 EC: 204-262-9 Registration number: 01-2119969442-31-xxxx	Benzyl Salicylate	1-<3	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
CAS: 115-95-7 EC: 204-116-4 Registration number: 01-2119454789-19-xxxx	Linalyl acetate	1-<3	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
Index: 603-101-00-3 CAS: 63500-71-0 EC: 405-040-6 Registration number: 01-0000015458-64-xxxx	tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	1-<3	Eye Irrit. 2, H319	
CAS: 80-54-6 EC: 201-289-8 Registration number: 01-2119907954-30-xxxx	2-(4-tert-butylbenzyl)propionaldehyde	1-<3	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 3, H412	
CAS: 1205-17-0 EC: 214-881-6 Registration number: 01-2120740119-58-xxxx	α-methyl-1,3-benzodioxole-5-propionaldehyde	1-<3	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411	
CAS: 103-95-7 EC: 203-161-7 Registration number: 01-2119970582-32-xxxx	3-p-cumenyl-2-methylpropionaldehyde	0,1-<1,0	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
CAS: 81782-77-6 EC: 279-815-0 Registration number: 01-2119983528-21-xxxx	4-methyl-3-decen-5-ol	0,1-<1,0	Aquatic Acute 1, H400 Aquatic Chronic 2, H411	
Index: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5 Registration number: 01-2119529223-47-xxxx	d-limonene	0,1-<1,0	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

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If in eyes

Flush with plenty of water for at least 10-15 minutes with the eyelids held wide open, avoid strong stream of water, which can cause cornea injury.

Do not use any medicines before getting medical attention. Remove any contact lenses. Seek medical attention.

If swallowed

Rinse out the mouth with water . Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected.

If on skin

The product is classified as causes skin irritation and may cause an allergic skin reaction. It may cause irritation, itching, redness.

If in eyes

The product is classified as causes serious eye irritation. It may cause irritation, pain, watering, redness.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

For non-emergency personnel:

- avoid contact with skin and eyes;
- wear chemical protection gloves and suits;
- wear appropriate goggles.

For emergency responders:

Suitable fabric for personal protective clothing:

- appropriate: nitrile rubber, neoprene;
- not appropriate: no data.

6.2. Environmental precautions

Do not allow to enter drains. Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Keep away from sources of ignition.

Storage temperature min 5 °C, max 35 °C

The specific requirements or rules relating to the substance/mixture

No data available.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Denmark

BEK No. 1458 of 13/12/2019

Substance name (component)	Type	Value	Note
Benzyl acetate (CAS: 140-11-4)	8h	61 mg/m ³	
	8h	10 ppm	

Finland

HTP-ARVOT 538/2018

Substance name (component)	Type	Value	Note
d-limonene (CAS: 5989-27-5)		140 mg/m ³	
		25 ppm	
		280 mg/m ³	
		50 ppm	

Norway

FOR-2018-12-20-2186

Substance name (component)	Type	Value	Note
d-limonene (CAS: 5989-27-5)	8 hours	140 mg/m ³	Chemicals that should be considered to cause an allergy or other sensitivity to the eyes or respiratory tract, or which should be considered to cause an allergy by skin contact.
	8 hours	25 ppm	
	8 hours	140 mg/m ³	
	8 hours	25 ppm	

8.2. Exposure controls

not available

Eye/face protection

Use protective goggles if eye contact might occur.

Skin protection

Wear suitable clothes to prevent contamination in the personal clothes, in case of long contact with product use protective gloves according to EN 374.

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Respiratory protection

Not required during normal operations in a workplace, if necessary use appropriate protection system.

Thermal hazard

not available

Environmental exposure controls

not available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
physical state	solid at 20 °C
form	
color	red
Odour	characteristic
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	98 °C (for perfumes)
Flammability (solid, gas)	not classified as flammable but is inflammatory
Upper/lower flammability or explosive limits	
explosive limits	data not available
Vapour pressure	data not available
Solubility(ies)	
solubility in water	not soluble in water
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	
Kinematic viscosity	data not available

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

10.4. Conditions to avoid

Keep away from sources of heat and sources of fire.

10.5. Incompatible materials

No available data.

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

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Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - 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

Acute toxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

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Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

01 00 00 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

01 00 00 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

SECTION 14: Transport information

14.1. UN number

Not subject to ADR

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

Reference in the Section 12.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Additional information

Air transport - ICAO/IATA

Packaging instructions passenger 203

Marine transport - IMDG

EmS (emergency plan) F-A
Marine Pollutant Yes

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

National regulations (Germany)

WGK Water hazard class: WGK 2 - obviously hazardous to water

15.2. Chemical safety assessment

The chemical safety assessment has not been carried out for the mixture.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
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.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P501 Dispose of contents/container to segregated municipal waste in accordance with national regulations.
P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
P264 Wash hands thoroughly after handling.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road
AGW Occupational Exposure Limits
BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL Derived no-effect level
EC Identification code for each substance listed in EINECS
EC₅₀ Concentration of a substance when it is affected 50% of the population
EINECS European Inventory of Existing Commercial Chemical Substances
EmS Emergency plan
EU European Union
EuPCS European Product Categorisation System
IATA International Air Transport Association
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC₅₀ Concentration causing 50% blockade
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC Lowest observed adverse effect concentration
LOAEL Lowest observed adverse effect level
log K_{ow} Octanol-water partition coefficient
MAK Maximum workplace concentration
MARPOL International Convention for the Prevention of Pollution From Ships
NDS Maximum admissible concentration
NDSCh Maximum admissible short-term concentration
NOAEC No observed adverse effect concentration
NOAEL No observed adverse effect level
NOEC No observed effect concentration
NOEL No observed effect level
NPK Maximum admissible concentration
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PEL Permissible Exposure Limit
PNEC Predicted no-effect concentration
ppm Parts per million
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

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RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Repr.	Reproductive toxicity
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.