	Safety Data Sheet Comply with Regulation (EC) No. 1907/2006, Annex II	Emission date: 30/09/2020 Version: 1.0

AC MATIC THÉ BIANCO E OSMANTO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Trade name: **AC Matic Thé bianco e Osmanto**
Trade code: **3247**

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

Identified use: Air freshener.
Uses advised against: recommended use are listed above; other uses are not recommended unless an assessment has provided that risks are controlled.

1.3. Details of the supplier of the safety data sheet

Supplier:
PAGLIERI S.p.A.
S.S.N. 10 per Genova Km 98
15122 ALESSANDRIA (AL) - ITALY
Phone +39 0131.213511
Fax. +39 0131.213635
Email address of competent person responsible for the SDS: laboratorio@paglieri.com

1.4. Emergency telephone number

Phone. +39 0131.213511 (Company Number: Monday-Friday, 8:30-12:00; 13:00-17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC and following amendments thereof:

Flammable aerosol, cat. 1; H222, H229

Skin sensitisation, cat. 1; H317

Eye irritation, cat.2; H319

Long-term aquatic hazard, cat. 3; H412

Additional information:
no additional hazard.

2.2. Label elements

Pictograms:

Signal Word:
DANGER

H-statements:
H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement:

P101: If medical advice is needed, have product container or label at hand.
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.
P280: Wear protective gloves and eye/face protection.
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 according to national regulation.

Product identifiers:

Contains Hexyl cinnamal, Tetramethyl acetyloctahydronaphthalenes, Linalool, Eugenol.

Supplementary information:

N.A.

2.3. Other hazards

PBT Substances: none
vPvB Substances: none

Other hazards: none.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of Regulation 1272/2008/EC and related classification:

Propellant:

70% - 80% Hydrocarbons, C_3-C_4*
REACH: 01-2119486557-22-XXXX, INDEX: 649-199-00-1, CAS: 68476-40-4, EC: 270-681-9


Flam. Gas 1; H220


Press. Gas; H280

** Note k: This substance contains 1,3-butadiene in a percentage lower than 0.1%.*

Liquid phase:

80% - 90% Ethanol
REACH: 01-2119457610-43-XXXX, INDEX: 603-002-00-5, CAS: 64-17-5, EC: 200-578-6

- Flam. Liq. 2; H225
- Eye Irrit. 2; H319

1% - 2.3% 2-Benzylideneoctanal (INCI: Hexyl cinnamal)
CAS: 101-86-0, EC: 202-983-3

- Skin Sens. 1B; H317
- Aquatic Acute 1; H400
- Aquatic Chronic 2; H411

1% - 1.15% 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (INCI: Tetramethyl acetyloctahydronaphthalenes)
CAS: 54464-57-2, EC: 259-174-3

- Skin Irrit. 2; H315
- Skin Sens. 1B; H317
- Aquatic Acute 1; H400
- Aquatic Chronic 1; H410

1% - 1.11% Galaxolide
REACH: 01-2119488227-29-XXXX, CAS: 1222-05-5, EC: 214-946-9

- Aquatic Acute 1; H400
- Aquatic Chronic 1; H410

0.1% - 0.5% Linalool (INCI: Linalool)
INDEX: 603-235-00-2, CAS: 78-70-6, EC: 201-134-4

- Skin Irrit. 2; H315
- Skin Sens. 1B; H317
- Eye Irrit. 2; H319

0.1% - 0.15% Eugenol (INCI: Eugenol)
CAS: 97-53-0, EC: 202-589-1

- Skin Sens. 1B; H317

Eye Irrit. 2; H319

Additional information: for full text of H-statements see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Wash thoroughly with water.

In case of eyes contact:

Flush immediately with strong jets of pure and fresh water for at least 15 minutes.

In case of Ingestion:

If feeling unwell seek medical advice.

In case of Inhalation:

If feeling unwell seek medical advice.

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

Eyes: irritation.

Skin: possible allergic reaction.

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

If feeling unwell seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Water spray, CO_2, foam, chemical powders according to the materials involved in the fire.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The overheated aerosol containers explode and can be projected away quickly with violence and may experience a dangerous mechanism of spread of the fire.

5.3. Advice for fire-fighters

Use protection for the respiratory tract, safety helmet and full protective clothing.

The water spray can be used to protect the people involved in the extinction.

It is also recommended to use breathing apparatus, especially if you work in closed, poorly ventilated and in any case if you use halogenated extinguishing agents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Move away from the surrounding area remembering that overheating could throw the bottle to a considerable distance.

For emergency responders:

Due to the tightness of the aerosol, it is very unlikely to occur the spillage. However If any container suffer damage likely to cause a loss, isolate the tank concerned taking it outdoor or covering it with inert non-combustible (as well as sand, soil, vermiculite) and taking care to avoid any source of ignition that could result in a serious fire hazard.

Wear PVC gloves, butyl rubber, neoprene or equivalent and protective clothing.

Eliminate all open flames and possible sources of ignition. No smoking.

Provide adequate ventilation. Evacuate hazardous area and, if necessary, consult an expert.

6.2. Environmental precautions

Limit leakages. Inform the competent authorities. Dispose of waste in compliance with current regulations.

6.3. Methods and material for containment and cleaning up

For containment:

Collect the product for re-use, if possible, or for disposal.

Cleaning:

After collection, wash with water the area and materials involved.

6.4. Reference to other sections

Refer to sections 8 and 13 for more information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. At work do not eat, drink or smoke.
The vapors are heavier than air and can spread close to the ground and roll into explosive mixtures with air.
Avoid the formation of flammable or explosive concentrations in the air.
Protect from sunlight and do not expose to temperatures exceeding 50 °C.
Do not pierce or burn, even after use. Do not spray toward flame or incandescent material.
Also see the next section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Do not store in open or unlabeled containers. Keep containers upright and safe by avoiding the possibility of falls or collisions. Store in a ventilated place, in original sealed packaging protected from heat and direct sunlight.Keep away from open flames, sparks and heat sources. Avoid direct exposure to the sun. Avoid the accumulation of electrostatic charges.

7.3. Specific end use(s)

Air freshener.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

Hydrocarbons, C_3-C_4 - CAS: 68476-40-4

TLV-TWA (8h): 1000 ppm (ACGIH)
TLV-TWA (8h): 1000 ppm, 2400 mg/m^3 (Germany - MAK)

Ethanol - CAS: 64-17-5

TLV-TWA (8h): 1000 ppm, 1880 mg/m^3 (ACGIH)
TLV-TWA (8h): 500 ppm, 960 mg/m^3 (Germany - MAK)

DNEL Exposure Limit Values:

N.A.

PNEC Exposure Limit Values:

N.A.

8.2. Exposure controls

Appropriate engineering:

Do not use on heated surfaces or exposed to sunlight to prevent an accelerated evaporation of the product. Provide good ventilation in the workplace through effective local aspiration or bad air vent. Provide a system for eye washing.

Eye protection:

Use safety goggles according to EN-166.

Protection for skin:

Avoid direct contact with skin

Protection for hands:

Not necessary for the normal use.

Respiratory protection:

Operate in adequately ventilated rooms.

Thermal Hazards:

Avoid overheating and contact with any open flame or spark.

Environmental exposure controls:

Adopt good working practices, avoiding littering.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance and colour:	Colorless liquid under pressure (aerosol)
Odour:	Floral
Odour threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	< - 80 °C (propellant)
Initial boiling point and boiling range:	> - 42 °C (propellant)
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	LEL 1.8% (vol); UEL 9.5% (vol)
Vapour density:	> 2 (propellant)
Flash point:	< - 100 °C (propellant)
Evaporation rate:	N.D.
Vapour pressure:	N.D.
Relative density:	N.D.
Solubility in water:	N.D.
Solubility:	N.D.
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 400 °C (propellant)
Decomposition temperature:	N.D.
Viscosity:	N.D.
Explosive properties:	N.D.
Oxidizing properties:	N.D.

9.2. Other information

Container volume:	N.D.
Specific gravity:	N.D.

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

The aerosol product remains stable for a period of over 36 months and under normal conditions of storage hazardous reactions can not take place because the container is sealed almost airtight.

10.4. Conditions to avoid

Avoid the accumulation of electrostatic charges.
Avoid contact with combustible materials.
Avoid heat, naked flames and sparks and hot surfaces.

In order to avoid that the metal of the container can damaging, keep away from reaction products involved to acid or base. Be careful from overheating because close to temperature above 50 ° C pressure can increase inside the container such as to produce the deformation of the cylinder until the outbreak.

10.5. Incompatible materials

May generate flammable gases if in contact with elementary metals, nitrides, strong reducing agents.

May generate toxic gases if in contact with oxidising mineral acids, organic peroxides and hydroperoxides.

Can catch fire if in contact with oxidising mineral acids, nitrides, organic peroxides and hydroperoxides, powerful oxidising agents.

10.6. Hazardous decomposition products

No decomposition if used for intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information of the mixture:

ATE_{mix} (oral): not classifiable.

ATE_{mix} (inhalation): not classifiable.

ATE_{mix} (dermal): not classifiable.

Toxicological information of the main substances found in the mixture:

Ethanol - CAS: 64-17-5

LD_{50} (oral, rat): 7060 mg/kg

LD_{50} (dermal, rabbit): 2100 mg/kg

LC_{50} (inhalation, rat): 39 mg/l/4h

Unless otherwise specified, the information required by Annex II of Regulation (EC) No. 1907/2006 listed below must be considered as N.A.:

(a) acute toxicity;

(b) skin corrosion/irritation;

(c) serious eye damage/irritation: the mixture is classified Eye irritant, category 2 according to the calculation method of Regulation (EC) 1272/2008 (CLP);

(d) respiratory or skin sensitisation: the mixture is classified Skin sensitizer, category 1 according to the calculation method of Regulation (EC) 1272/2008;

(e) germ cell mutagenicity;

(f) carcinogenicity;

(g) reproductive toxicity;

(h) STOT-single exposure;

(i) STOT-repeated exposure;

(j) aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Adopt good working practices, avoiding littering.

Harmful to aquatic organisms, may cause long-term adverse effects on the aquatic environment.

Ecotoxicological information of the main substances found in the mixture:

Hydrocarbons, C_3-C_4 - CAS: 68476-40-4

LC_{50} (crustaceans - Daphnia Magna, 48h): 14.22 mg/l

Ethanol - CAS: 64-17-5

LC_{50} (fish - Leuciscus idus, 48h): 8.140 mg/l

LC_{50} (crustaceans - Daphnia Magna, 24h): 14.2 g/l
EC_{50} (algae – Chlorella pyrenoidosa, 24h): > 100 mg/l

12.2. Persistence and degradability
Data not available.

12.3. Bioaccumulative potential
Hydrocarbons, C_3-C_4 - CAS: 68476-40-4
log Pow: 1.09 – 2.80

12.4. Mobility in soil
Data not available.

12.5. Results of PBT and vPvB assessment
PBT Substances: none
vPvB Substances: none

12.6. Other adverse effects
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
The waste should be disposed in compliance with the regulations by delivering empty containers to a licensed waste management and equipped to handle with safety the pressurized containers containing flammable liquids and gases residues. The empty container heated to a temperature exceeding 70 °C may burst. Do not empty into drains. Operate according to local and national regulations.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID/ADN)	Maritime transport (IMDG Code)	Air transport (ICAO T.I./IATA)
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	AEROSOL	AEROSOL	AEROSOL
14.3 Class	2	2	2
Label			
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not classified	Not classified	Not classified
14.6 Special precautions for user	D (*)	EmS : F-D, S-U (*)	(*)
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

Limited Quantity	1 L	1 L	Y Passenger and Cargo: 30 Kg
Additional information	This product is packaged in limited quantity.		

(*) “Transport, within loading and unloading, of dangerous goods should be carried out by people trained in compliance with transportation regulations.”

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:
Not listed.
Regulation (EC) No 2019/1021 on Persistent Organic Pollutants, Annex I:
Not listed.
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1:
Not listed.
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2:
Not listed.
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3:
Not listed.
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex V:
Not listed.
Regulation (EC) No 1907/2006, Article 59 (1) [Candidate List of SVHC]:
Not listed.
Regulation (EC) No 1907/2006, Annex XIV:
Not listed.
Regulation (EC) No 1907/2006, Annex XVII:
Not listed.

15.2. Chemical Safety Assessment: not carried out for the mixture.

SECTION 16: OTHER INFORMATION

Date: 30/09/2020
Type of revision: first emission.
Comply with Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (UE) No. 2015/830.
This document was prepared by a competent person who has received appropriate training.

Acronyms and abbreviations:
ACGIH: American Conference of Governmental Industrial Hygienists.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP**:** Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EC_{50}: Effective concentration, for 50 percent of test population.
EINECS**:** European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk.
ICAO T.I.: International Civil Aviation Organization Technical Instructions.
IMDG Code: International Maritime Dangerous Goods Code.
LC_{50}: Lethal concentration, for 50 percent of test population.
LD_{50}: Lethal dose, for 50 percent of test population.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
NOEC: No Observed Effect Concentration.
PBT: Persistent, Bioaccumulative, Toxic.
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 Limit Value.
TWA/TLV: Threshold Limit Value for the Time Weighted Average 8 hour day.
UN: United Nations.
vPvB : Very Persistent, Very Bioaccumulative.

Remarks
N.A. = not applicable
N.D. = not determined

Safety data sheet complying with:
- Regulation (EC) n. 1907/2006 (REACH) and following amendments;
- Regulation (EC) n. 1272/2008 (CLP) and following amendments.

Legislation and reference sources
- Regulation (EC) n. 1272/2008 (Classification, labeling and packaging of substances and mixtures).
- ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road).
- International Maritime Dangerous Goods Code (IMDG Code).
- International Air Transport Association (IATA).
- 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.

Classification procedure	
Class	**Classification method (CLP Regulation)**
Flammable aerosol, cat. 1	Test method according to Annex I, point 2.3
Skin sensitisation, cat. 1	Calculation method according to Annex I, point 3.4
Eye irritation, cat. 2	Calculation method according to Annex I, point 3.3
Long-term aquatic hazard, cat. 3	Calculation method according to Annex I, point 4.1

Full text of Hazard Statement and Precautionary Statement referred to in SECTION 2 and 3:

H-statements:

H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H280: Contains gas under pressure; may explode if heated.
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
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement

P101: If medical advice is needed, have product container or label at hand.
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.
P280: Wear protective gloves and eye/face protection.
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 according to national regulation.

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.