

Safety Data Sheet

AIR DUSTER (apple flavour)

Safety Data Sheet dated 18/2/2020, version 8

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

1.1. Product identifier

Mixture identification:

Trade name: AIR DUSTER (apple flavour)

Trade code: EW5606

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

Recommended use:

Technical product

Uses advised against:

do not use on humans and animals

1.3. Details of the supplier of the safety data sheet

Company:

ALBINA S.R.L. - Via Crocevia, 12 – 39057 – Appiano sulla strada del Vino (BZ)

ALBINA S.R.L. – info@ewent-online.com

Competent person responsible for the safety data sheet:

info@ewent-online.com

1.4. Emergency telephone number

Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca' Granda -Milano)

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)

Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti - Bergamo)

Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)

Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma)

Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma)

Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):



Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Precautionary statements:

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

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.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Special Provisions:

None

derogation 1.3.3. Aerosols and containers fitted with a sealed spray device and containing substances or mixtures classified as hazardous in the event of aspiration

As regards the application of point 3.10.4, substances or mixtures classified according to the criteria set out in points 3.10.2 and 3.10.3 do not necessarily bear on the label indications relating to this danger when they are placed on the market in aerosol containers or in containers fitted with a sealed spray device

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

None

Product contents:

The product also contains:

Allergens:

Preservatives:

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

sezione 10.3






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
>= 50% - < 60%	propane	Index number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21-0046	 2.2/1 Flam. Gas 1 H220  2.5 Press. Gas H280
>= 30% - < 40%	Hydrocarbons, C4; Petroleum gas	Index number: 649-113-00-2 CAS: 87741-01-3 EC: 289-339-5 REACH No.: 01-2119480480-41-xxxx	 2.5 Press. Gas H280  2.2/1 Flam. Gas 1 H220 DECLK (CLP)*
>= 3% - < 5%	ethanol; ethyl alcohol	Index number: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 REACH No.: 01-2119457610-43-xxxx	 2.6/2 Flam. Liq. 2 H225

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>= 0.25% - < 0.5%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH No.: 01-2119457558-25-xxxx	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336
336 ppm	butanone; ethyl methyl ketone	Index number: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
92 ppm	2-methylpropan-1-ol; iso-butanol	Index number: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H335  3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318  3.8/3 STOT SE 3 H336

*DECLK (CLP): This substance is classified in accordance with Note K, Annex VI of EC Regulation CE 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 should apply. This note applies only to certain complex oil-derived substances in Part 3.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

For symptoms and effects due to the contained substances see chapter 11

Frostbite

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

Treatment:

Follow the doctor's instructions.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Water.

5.2. Special hazards arising from the substance or mixture

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Burning produces heavy smoke.
Do not inhale explosion and combustion gases.
Hazardous combustion products:
Carbon monoxide

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Keep containers cool with water spray.
Move undamaged containers from immediate hazard area if it can be done safely.
Use fire fighter's clothing conforming to European standard EN469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
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
Retain contaminated washing water and dispose it.

6.3. Methods and material for containment and cleaning up

For cleaning up:
Wash with plenty of water.
Wet clean or vacuum up solids.
Clear spills immediately

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.
Do not use on extensive surface areas in premises where there are occupants.
See also section 8 for recommended protective equipment.
Use localized ventilation system.
Advice on general occupational hygiene:
Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

store in a cool, well ventilated place, away from heat, flames, sparks or other sources of ignition
keep only in the original container away from sunlight neighborhoods
avoid contact with skin and eyes, inhalation of vapours/mists/dusts.
do not use empty containers before they are cleaned.
contaminated clothing must be replaced before entering the dining areas.
at work do not eat or drink.
avoid the accumulation of electrostatic charges.
do not smoke
Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

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Keep away from food, drink and feed.
Incompatible materials:
Keep away from acids.
Keep away from combustible materials.
Keep away from water or from damp surroundings.
See subsection 10.5
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.

- 7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propane - CAS: 74-98-6
ACGIH
ethanol; ethyl alcohol - CAS: 64-17-5
ACGIH - STEL: 1000 ppm
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm
butanone; ethyl methyl ketone - CAS: 78-93-3
EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm
ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm
2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
ACGIH - TWA(8h): 50 ppm

DNEL Exposure Limit Values

butanone; ethyl methyl ketone - CAS: 78-93-3
Worker Professional: 1161 mg/kg/d - Consumer: 412 mg/kg/d - Exposure: Human
Dermal - Frequency: Long Term, systemic effects
Worker Professional: 600 mg/l - Consumer: 106 mg/l - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects
Consumer: 31 mg/kg/d - Exposure: Human Oral - Frequency: Long Term, systemic
effects

PNEC Exposure Limit Values

butanone; ethyl methyl ketone - CAS: 78-93-3
Target: Freshwater sediments - Value: 284.74 mg/kg
Target: Marine water sediments - Value: 284.74 mg/kg
Target: Soil (agricultural) - Value: 22.5 mg/kg
Target: Fresh Water - Value: 55.8 mg/l
Target: Marine water - Value: 55.8 mg/l

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

if the TLV thresholds are exceeded, use a mask with filter type A (against vapors of organic compounds) in accordance with EN 141.

Thermal Hazards:

Do not expose to temperatures exceeding 50° c.

Environmental exposure controls:

None

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Appropriate engineering controls:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Spray can	--	--
Odour:	characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	Not Relevant	--	--
Melting point / freezing point:	da -187°C a -138°C	--	--
Initial boiling point and boiling range:	da -161°C a -0,5°C	--	--
Flash point:	< 0 ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	LEL 1.86% UEL 15%	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	>2	--	--
Relative density:	0.53 Kg/l +/- 0.05	--	--
Solubility in water:	Not Relevant	--	--
Solubility in oil:	Not Relevant	--	--
Partition coefficient (n-octanol/water):	1,09-2.8	--	--
Auto-ignition temperature:	287°C-537°C	--	--
Decomposition temperature:	Not Relevant	--	--
Viscosity:	Not Relevant	--	--
Explosive properties:	sezione 10.3	--	--
Oxidizing properties:	Not Relevant	--	--

9.2. Other information

Properties	Value	Method:	Notes:
kinematic viscosity:		--	--
Miscibility:	Not Relevant	--	--
Fat Solubility:	Not Relevant	--	--
Conductivity:	Not Relevant	--	--
Substance Groups relevant properties	Not Relevant	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

avoid contact with strong acids and bases and oxidizing agents.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

may form explosive vapor / air mixtures in places not well ventilated

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- 10.4. Conditions to avoid
 - strong acids
 - avoid the accumulation of electrostatic charges.
 - keep away from heat, sources of ignition
- 10.5. Incompatible materials
 - acids, alkalis and alkaline metals
 - oxidizing agents
- 10.6. Hazardous decomposition products
 - the product is flammable, following combustion can lead to the formation of dangerous decomposition products
 - by thermal decomposition can rid COx

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

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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

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

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:

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

butanone; ethyl methyl ketone - CAS: 78-93-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

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Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
ethanol; ethyl alcohol - CAS: 64-17-5
LD50 (RABBIT) ORAL: 6300 MG/KG
LD50 (RAT) ORAL SINGLE DOSE: 7060 MG/KG

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
ARIA COMPRESSA PROFUMO MELA
Not classified for environmental hazards
Based on available data, the classification criteria are not met
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
a) Aquatic acute toxicity:
Endpoint: EL50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: EL50 - Species: Algae > 100 mg/l - Duration h: 72
Endpoint: EL50 - Species: Fish > 100 mg/l - Duration h: 48
butanone; ethyl methyl ketone - CAS: 78-93-3
a) Aquatic acute toxicity:
Endpoint: EL50 - Species: Daphnia = 308 mg/l - Duration h: 48
Endpoint: EL50 - Species: Algae = 2029 mg/l - Duration h: 96
Endpoint: LC50 - Species: Fish = 2993 mg/l - Duration h: 96
- 12.2. Persistence and degradability
None
butanone; ethyl methyl ketone - CAS: 78-93-3
Biodegradability: Not persistent and Biodegradable
- 12.3. Bioaccumulative potential
butanone; ethyl methyl ketone - CAS: 78-93-3
Bioaccumulation: Not bioaccumulative
- 12.4. Mobility in soil
butanone; ethyl methyl ketone - CAS: 78-93-3
Mobility in soil: Mobile
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
Additional disposal information:
contaminated packaging should be sent for recovery or disposal in compliance with national regulations on waste management
reuse if possible. Product residues are to be considered hazardous waste. disposal must be entrusted to authorised waste management, in compliance with national and, where appropriate, local.

SECTION 14: Transport information

- 14.1. UN number
ADR-UN number: 1950
IATA-Un number: 1950
IMDG-Un number: 1950

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- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- | | |
|-------------|-----------------------------|
| ADR-Class: | 2.5°F CAP. 2.2.2.1.6 UN1950 |
| IATA-Class: | 2.1 |
| IMDG-Class: | 2 Aerosols UN 1950 |
- 14.4. Packing group
- 14.5. Environmental hazards
- | | |
|-------------------|----|
| Marine pollutant: | No |
|-------------------|----|
- 14.6. Special precautions for user
- | | |
|------------|------|
| IMDG-Page: | 2102 |
|------------|------|
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
- No

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) 2015/830
- 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)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
- None
- 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
- Product belongs to category: P3a
- 15.2. Chemical safety assessment
- No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

- Text of phrases referred to under heading 3:
- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H225 Highly flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- H226 Flammable liquid and vapour.

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H335 May cause respiratory irritation.

H315 Causes skin irritation.

H318 Causes serious eye damage.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Press. Gas	2.5	Gases under pressure
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
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
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Paragraphs modified from the previous revision:

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

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients

SECTION 5: Firefighting measures

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

SECTION 12: Ecological information

SECTION 15: Regulatory information

SECTION 16: Other information

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
Aerosols 1, H222+H229	On basis of test data

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.

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ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
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.
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.