

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



Safety Data Sheet dated 4/7/2019, version 5

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

1.1. Product identifier

Mixture identification:

Trade name: AIRTECH CAR VANILLA ML 7
Trade code: 1423

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

Recommended use:

Car air freshener

1.3. Details of the supplier of the safety data sheet

Supplier:

Arexons S.p.A.
via Antica di Cassano, 23, 20063
Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.
Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Centro Antiveleni di Pavia IRCCS- Fondazione Maugeri tel. +39 (0)382 24444 (h24; it, en)

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

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.

P103 Read label before use.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

d-limonene

Ethyl 2,3-epoxy-3-phenylbutyrate: May produce an allergic reaction.

Linalool: May produce an allergic reaction.

Geranyl acetate: May produce an allergic reaction.

HELIOTROPINE: May produce an allergic reaction.

Beta Pinene: May produce an allergic reaction.

Coumarin: May produce an allergic reaction.

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

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

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:

>= 70% - < 80% Dipropylene glycol methyl ether

REACH No.: 01-2119450011-60, CAS: 34590-94-8, EC: 252-104-2

Substance with a Union workplace exposure limit.

>= 3% - < 5% d-limonene

Index number: 601-029-00-7, CAS: 5989-27-5, EC: 227-813-5

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 3.10/1 Asp. Tox. 1 H304

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.4.2/1B Skin Sens. 1B H317

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C1 Aquatic Chronic 1 H410

>= 2% - < 3% Ethyl 2,3-epoxy-3-phenylbutyrate

CAS: 77-83-8, EC: 201-061-8

⚠ 3.4.2/1B Skin Sens. 1B H317

⚠ 4.1/C2 Aquatic Chronic 2 H411 M=1.

>= 1% - < 2% Heptanoate allyle

CAS: 142-19-8

⚠ 3.1/3/Oral Acute Tox. 3 H301

⚠ 3.1/3/Dermal Acute Tox. 3 H311

⚠ 3.1/3/Inhal Acute Tox. 3 H331

⚠ 4.1/A1 Aquatic Acute 1 H400

>= 1% - < 2% VANILLINE 100%

CAS: 121-33-5

⚠ 3.3/2 Eye Irrit. 2 H319

>= 1% - < 2% Ethyl vanillin

REACH No.: 01-2119958961-24, CAS: 121-32-4, EC: 204-464-7



Safety Data Sheet

AIRTECH CAR VANILLA ML 7

⚠ 3.3/2 Eye Irrit. 2 H319

>= 0.1% - < 0.25% Linalool

REACH No.: 01-2119474016-42, CAS: 78-70-6, EC: 201-134-4

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.4.2/1B Skin Sens. 1B H317

⚠ 3.3/2 Eye Irrit. 2 H319

>= 0.1% - < 0.25% HELIOTROPINE

CAS: 120-57-0

⚠ 3.4.2/1B Skin Sens. 1B H317

>= 0.1% - < 0.25% Geranyl acetate

REACH No.: 01-2119973480-35, CAS: 105-87-3, EC: 203-341-5

4.1/C3 Aquatic Chronic 3 H412

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.4.2/1 Skin Sens. 1 H317

>= 0.1% - < 0.25% isopentyl acetate [2]

REACH No.: 01-2119548408-32, Index number: 607-130-00-2, CAS: 123-92-2, EC: 204-662-3

⚠ 2.6/3 Flam. Liq. 3 H226

EUH066

>= 0.1% - < 0.25% 2,6 -Di-tert-Butyl-p-Cresol

REACH No.: 01-2119565113-46, CAS: 128-37-0, EC: 204-881-4

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C1 Aquatic Chronic 1 H410

>= 0.1% - < 0.25% Allyl hexanoate (Allyl caproate)

CAS: 123-68-2, EC: 204-642-4

⚠ 3.1/3/Oral Acute Tox. 3 H301

⚠ 3.1/3/Dermal Acute Tox. 3 H311

⚠ 3.1/3/Inhal Acute Tox. 3 H331

⚠ 4.1/A1 Aquatic Acute 1 H400

>= 0.1% - < 0.25% Beta Pinene

REACH No.: 01-2119519230-54, CAS: 127-91-3, EC: 204-872-5

⚠ 3.10/1 Asp. Tox. 1 H304

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C1 Aquatic Chronic 1 H410

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.4.2/1B Skin Sens. 1B H317

>= 0.1% - < 0.25% Coumarin

REACH No.: 01-2119949300-45, CAS: 91-64-5, EC: 202-086-7

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.4.2/1B Skin Sens. 1B H317

4.1/C3 Aquatic Chronic 3 H412

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



Remove contaminated clothing immediately and dispose off safely.

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 induce vomiting.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Appropriate Extinguishing Media:

To dust.

Not Recommended Extinguishing Media:

Do not use direct water jets.

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

Wear personal protection equipment.

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.

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.

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



- Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
Store in well-closed containers, preferably in a cool place, away from sources of heat and direct sunlight.
Keep away from food, drink and feed.
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
- Dipropylen glycol methyl ether - CAS: 34590-94-8
EU - TWA(8h): 308 mg/m³, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair
- isopentyl acetate [2] - CAS: 123-92-2
EU - TWA(8h): 270 mg/m³, 50 ppm - STEL: 540 mg/m³, 100 ppm
ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: URT irr
- 2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
ACGIH - TWA(8h): 2 mg/m³ - Notes: (IFV), A4 - URT irr
- Beta Pinene - CAS: 127-91-3
ACGIH - TWA(8h): 20 ppm - Notes: DSEN, A4 - Lung irr
- DNEL Exposure Limit Values**
- Dipropylen glycol methyl ether - CAS: 34590-94-8
Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 310 mg/m³ - Consumer: 37.2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 65 mg/kg - Consumer: 15 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
- Ethyl 2,3-epoxy-3-phenylbutyrate - CAS: 77-83-8
Worker Professional: 0.7 mg/kg - Consumer: 0.35 mg/kg - Exposure: Human Dermal
Worker Professional: 2.45 mg/m³ - Consumer: 0.61 mg/m³ - Exposure: Human Inhalation
Consumer: 0.35 mg/kg - Exposure: Human Oral
- HELIOTROPINE - CAS: 120-57-0
Worker Professional: 3.5 mg/m³ - Exposure: Human Inhalation
- Geranyl acetate - CAS: 105-87-3
Worker Professional: 35.5 mg/kg - Consumer: 17.75 mg/kg - Exposure: Human Dermal
Worker Professional: 62.59 mg/m³ - Consumer: 15.4 mg/m³ - Exposure: Human Inhalation
Consumer: 8.9 mg/kg - Exposure: Human Oral
- isopentyl acetate [2] - CAS: 123-92-2
Worker Professional: 1.47 mg/kg - Consumer: 2.95 mg/kg - Exposure: Human Dermal
Worker Professional: 5.1 mg/m³ - Consumer: 20.8 mg/m³ - Exposure: Human Inhalation
Worker Professional: 1.47 mg/kg - Exposure: Human Oral
- 2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
Worker Professional: 0.25 mg/kg - Consumer: 0.5 mg/kg - Exposure: Human Dermal
Worker Professional: 0.86 mg/m³ - Consumer: 3.5 mg/m³ - Exposure: Human Inhalation
- Beta Pinene - CAS: 127-91-3
Worker Professional: 5.98 mg/m³ - Consumer: 1.06 mg/m³ - Exposure: Human Inhalation
Consumer: 0.31 mg/kg - Exposure: Human Oral
- PNEC Exposure Limit Values**
- Dipropylen glycol methyl ether - CAS: 34590-94-8

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



Target: Fresh Water - Value: 19 mg/l
Target: Marine water - Value: 1.9 mg/l
Target: Marine water sediments - Value: 7.02 mg/kg
Target: Freshwater sediments - Value: 70.2 mg/kg
Target: 09 - Value: 4168 mg/l

Ethyl 2,3-epoxy-3-phenylbutyrate - CAS: 77-83-8
Target: Fresh Water - Value: 0.0084 mg/l
Target: Marine water - Value: 0.0084 mg/l
Target: Freshwater sediments - Value: 0.012 mg/kg
Target: Marine water sediments - Value: 0.0012 mg/kg
Target: 09 - Value: 10 mg/l

VANILLINE 100% - CAS: 121-33-5
Target: Fresh Water - Value: 0.0084 mg/l
Target: Marine water - Value: 0.0084 mg/l
Target: Freshwater sediments - Value: 0.012 mg/kg
Target: Marine water sediments - Value: 0.0012 mg/kg
Target: 09 - Value: 10 mg/l

Ethyl vanillin - CAS: 121-32-4
Target: Fresh Water - Value: 0.118 mg/l
Target: Marine water - Value: 0.0118 mg/l
Target: Marine water sediments - Value: 15 mg/kg
Target: Marine water sediments - Value: 1.5 mg/kg
Target: 09 - Value: 10 mg/l

HELIOTROPINE - CAS: 120-57-0
Target: Fresh Water - Value: 0.0025 mg/l
Target: Marine water - Value: 0.00025 mg/l
Target: Freshwater sediments - Value: 0.0119 mg/kg
Target: Marine water sediments - Value: 0.0012 mg/kg
Target: 09 - Value: 10 mg/l

Geranyl acetate - CAS: 105-87-3
Target: Fresh Water - Value: 0.00372 mg/l
Target: Marine water - Value: 0.000372 mg/l
Target: Freshwater sediments - Value: 0.442 mg/kg
Target: Marine water sediments - Value: 0.0442 mg/kg
Target: 09 - Value: 8 mg/l

isopentyl acetate [2] - CAS: 123-92-2
Target: Fresh Water - Value: 0.022 mg/l
Target: Marine water - Value: 0.0022 mg/l
Target: Freshwater sediments - Value: 17.87 mg/kg
Target: Marine water sediments - Value: 1.787 mg/kg
Target: 09 - Value: 30 mg/l

2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
Target: Fresh Water - Value: 0.000199 mg/l
Target: Marine water - Value: 0.0000199 mg/l
Target: Freshwater sediments - Value: 0.0996 mg/kg
Target: Marine water sediments - Value: 0.00996 mg/kg
Target: 09 - Value: 0.17 mg/l

Beta Pinene - CAS: 127-91-3
Target: Fresh Water - Value: 0.002 mg/l
Target: Marine water - Value: 0.0002 mg/l
Target: Freshwater sediments - Value: 0.485 mg/kg
Target: Marine water sediments - Value: 0.048 mg/kg
Target: 09 - Value: 3.26 mg/l

8.2. Exposure controls

Eye protection:

Anti-splash goggles
Eye glasses with side protection.
Compliant with EN 166



Safety Data Sheet

AIRTECH CAR VANILLA ML 7

Protection for skin:
protective clothing

Protection for hands:
Nitrile or Viton gloves.
Compliant with EN 374.

Respiratory protection:
In case of insufficient ventilation, use adequate respiratory protection equipment.

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:
Appearance and colour:	Liquid	--	--
Odour:	Characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	144°C	--	--
Flash point:	78°C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	990 kg/m ³	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	225°C	--	--
Decomposition temperature:	N.A.	--	--

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

NA=not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Excessive heat.

Flames and other sources of ignition.

10.5. Incompatible materials

Strong acids.

Strong oxidising agents.

Strong alkali.

10.6. Hazardous decomposition products

Thermal decomposition may result in carbon monoxide, carbon dioxide and other unidentified organic compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

AIRTECH CAR VANILLA ML 7

a) acute toxicity

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

e) germ cell mutagenicity

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



Based on available data, the classification criteria are not met
f) carcinogenicity

Based on available data, the classification criteria are not met
g) reproductive toxicity

Based on available data, the classification criteria are not met
h) STOT-single exposure

Based on available data, the classification criteria are not met
i) STOT-repeated exposure

Based on available data, the classification criteria are not met
j) aspiration hazard

Based on available data, the classification criteria are not met
Toxicological information of the main substances found in the product:

Dipropylen glycol methyl ether - CAS: 34590-94-8

a) acute toxicity:

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

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

Test: LC50 - Route: Inhalation > 20 mg/l - Duration: 4h

d-limonene - CAS: 5989-27-5

a) acute toxicity:

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

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

Ethyl 2,3-epoxy-3-phenylbutyrate - CAS: 77-83-8

a) acute toxicity:

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

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

Test: LC50 - Route: Inhalation > 20 mg/l - Duration: 4h

Heptanoate allyle - CAS: 142-19-8

a) acute toxicity:

Test: LD50 - Route: Oral 100 mg/kg

Test: LD50 - Route: Skin 300 mg/kg

Test: LC50 - Route: Inhalation 3 mg/l - Duration: 4h

VANILLINE 100% - CAS: 121-33-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3000 mg/kg

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

Ethyl vanillin - CAS: 121-32-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3000 mg/kg

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

Linalool - CAS: 78-70-6

a) acute toxicity:

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

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

HELIOTROPINE - CAS: 120-57-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 2700 mg/kg

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

Geranyl acetate - CAS: 105-87-3

a) acute toxicity:

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

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

Test: LC50 - Route: Inhalation > 20 mg/l

isopentyl acetate [2] - CAS: 123-92-2

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 7400 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l
- 2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 7400 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 5 mg/l
- Allyl hexanoate (Allyl caproate) - CAS: 123-68-2
- a) acute toxicity:
Test: LD50 - Route: Oral 100 mg/kg
Test: LD50 - Route: Skin 300 mg/kg
Test: LCLo - Route: Inhalation 3 mg/l - Duration: 4h
- Beta Pinene - CAS: 127-91-3
- a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l
- Coumarin - CAS: 91-64-5
- a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Dipropylen glycol methyl ether - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 10000 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia 1919 mg/l - Duration h: 48

d-limonene - CAS: 5989-27-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 0.1-1 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l

Endpoint: EC50 - Species: Algae 0.1-1 mg/l

Ethyl 2,3-epoxy-3-phenylbutyrate - CAS: 77-83-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 4.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia 52 mg/l - Duration h: 48

Endpoint: CE5 - Species: Algae 36 mg/l - Duration h: 72

Heptanoate allyle - CAS: 142-19-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 0.1-1 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l

Endpoint: EC50 - Species: Algae 0.1-1 mg/l

VANILLINE 100% - CAS: 121-33-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 57 mg/l - Duration h: 96

Linalool - CAS: 78-70-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 27.8 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: EC50 - Species: Daphnia 59 mg/l - Duration h: 48 - Notes: OECD TG 202

Endpoint: EC50 - Species: Algae 88.3 mg/l - Duration h: 96

Geranyl acetate - CAS: 105-87-3

a) Aquatic acute toxicity:

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



- Endpoint: LC50 - Species: Fish 10-100 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 10-100 mg/l
Endpoint: EC50 - Species: Algae 10-100 mg/l
isopentyl acetate [2] - CAS: 123-92-2
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia 42 mg/l - Duration h: 48
2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 0.57 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.61 mg/l - Duration h: 48
Allyl hexanoate (Allyl caproate) - CAS: 123-68-2
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 0.1-1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l
Endpoint: EC50 - Species: Algae 0.1-1 mg/l
Beta Pinene - CAS: 127-91-3
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 0.1-1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l
Endpoint: EC50 - Species: Algae 0.1-1 mg/l
Coumarin - CAS: 91-64-5
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 10-100 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 10-100 mg/l
Endpoint: EC50 - Species: Algae 10-100 mg/l
- 12.2. Persistence and degradability
None
Dipropylen glycol methyl ether - CAS: 34590-94-8
Biodegradability: Readily biodegradable - Duration: 28gg - %: 73
Ethyl 2,3-epoxy-3-phenylbutyrate - CAS: 77-83-8
Biodegradability: 4 - Duration: 28gg - %: 53
VANILLINE 100% - CAS: 121-33-5
Biodegradability: Readily biodegradable - Duration: 14 days - %: 97
2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
Biodegradability: Non-readily biodegradable - Duration: 28gg - %: 4.5
- 12.3. Bioaccumulative potential
Dipropylen glycol methyl ether - CAS: 34590-94-8
Bioaccumulation: Not bioaccumulative - Test: log Pow -0.06
VANILLINE 100% - CAS: 121-33-5
Bioaccumulation: Not bioaccumulative - Test: log Pow 1.37
Test: BCF - Bioconcentration factor 6
isopentyl acetate [2] - CAS: 123-92-2
Bioaccumulation: Not bioaccumulative - Test: BCF - Bioconcentration factor 10
2,6 -Di-tert-Butyl-p-Cresol - CAS: 128-37-0
Bioaccumulation: Not bioaccumulative - Test: BCF - Bioconcentration factor 1365
Test: log Pow 5.1
Beta Pinene - CAS: 127-91-3
Bioaccumulation: Bioaccumulative - Test: log Pow 4.35
Test: BCF - Bioconcentration factor 440
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

1423/5

Page n. 11 of 15

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



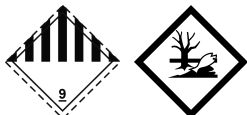
13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Additional disposal information:

Reuse if possible. Act in accordance with the local and national laws in force.

SECTION 14: Transport information



14.1. UN number

ADR-UN Number: 3082

IATA-UN Number: 3082

IMDG-UN Number: 3082

14.2. UN proper shipping name

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE

IATA-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

IMDG-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR-Class: 9

ADR - Hazard identification number: 90

IATA-Class: 9

IATA-Label: 9

IMDG-Class: 9

Sea (IMO): Class 9

14.4. Packing group

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

14.5. Environmental hazards

ADR-Environmental Pollutant: Yes

IMDG-Marine pollutant: Marine Pollutant

14.6. Special precautions for user

ADR-Subsidiary hazards: -

ADR-S.P.: 274 335 375 601

ADR-Transport category (Tunnel restriction code): 3 (E)

IATA-Passenger Aircraft: 964

IATA-Subsidiary hazards: -

IATA-Cargo Aircraft: 964

IATA-S.P.: A97 A158 A197

IATA-ERG: 9L

IMDG-EmS: F-A,
S-F

IMDG-Subsidiary hazards: -

IMDG-Stowage and handling: Category A

IMDG-Segregation: -

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

No

Limited Quantity: 5 L

Exempted Quantity: E1

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



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:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

No restriction.

Volatile Organic compounds - VOCs = 51.40 %

Volatile Organic compounds - VOCs = 514.00 g/Kg

Volatile Organic compounds - VOCs = 508.86 g/l

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: E2

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:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet
AIRTECH CAR VANILLA ML 7



H302 Harmful if swallowed.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Paragraphs modified from the previous revision:

- SECTION 3: Composition/information on ingredients
- SECTION 7: Handling and storage
- SECTION 14: Transport information
- SECTION 15: Regulatory 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
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 2, H411	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

Safety Data Sheet

AIRTECH CAR VANILLA ML 7



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)
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.
NA:	Not applicable
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.