

Aparto

Version number: 7.0
Issued: 2023-03-23
Replaces SDS: 2019-08-26

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

1.1. Product identifier Prod nr: 21052, 21096

Trade name

Aparto

UFI code

0QQS-55PG-C31H-Q9WU

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

Relevant identified uses

Room air freshener for professional users.

Not suitable for use in

All other uses are discouraged.

1.3. Details of the supplier of the safety data sheet

Supplier

KLEEN PURGATIS GmbH

Street address

Dieselstraße 10

32120 Hiddenhausen

Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

www.kleenpurgatis.de

Email address

info@kleen-purgatis.de

1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

Available outside office hours

Yes

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Eye irritation, hazard category 2

Flammable liquids, hazard category 3

Hazard statements

H226, H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

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

P264 Wash hands thoroughly after handling.

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	10 - 25%	Flam. Liq. 2	H225 - -	-
Alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984-16-xxxx -	1 - <3%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3	H302, H318, H412 - -	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

First responders: Pay attention to self-protection.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if necessary.

Skin contact

In case of contact, immediately flush skin with plenty of water.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion

Rinse mouth with water. /*N only*/If swallowed, do not induce vomiting - seek medical advice.

Information for doctors

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

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

Symptoms of poisoning may only appear several hours later. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Inhalation

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Skin contact

May cause skin irritation.

Eye contact

May cause eye irritation. blurred vision / lachrymation

Ingestion

Nausea

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Formation of dangerous gases possible in the event of fire. Flammable.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

Other

Other

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Evacuate unaffected personnel from the spill area.

Remove all sources of ignition. Do not smoke.

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6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Use with adequate ventilation. Keep away from sources of ignition - No smoking.

General hygiene

When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 3 (flammable liquids)

Keep in a cool, well-ventilated place.

7.3. Specific end use(s)

PC28 - Perfumes, fragrances

See section 1.2: Room air freshener

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/m ³	Consumers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/m ³	Workers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m ³	Workers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
ethanol (64-17-5/200-578-6)	PNEC	Marine water	0.79 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Sediment (marine water)	2.9 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Eye / face protection

Chemical-resistant safety glasses with side protection (EN 166)

Hand protection

Protective gloves complying with EN 374. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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Thermal hazards

Not applicable.

Environmental exposure controls

No special precautions required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Green

Odour

perfumed

Odour threshold

Not determined for the mixture.

Melting point / freezing point

Not determined for the mixture.

Boiling point or initial boiling point and boiling range

Not determined for the mixture.

Flammability

Not determined for the mixture.

Lower and upper explosion limit

Not determined for the mixture.

Flash point

not 26 °C

Auto-ignition temperature

Not determined for the mixture.

Decomposition temperature

Not determined for the mixture.

pH

7 - 8

Kinematic viscosity

Not determined for the mixture.

Viscosity, dynamic

Not determined for the mixture.

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Solubility

Water soluble

Water solubility

soluble

Partition coefficient n-octanol/water

Not determined for the mixture.

Vapour pressure

Not determined for the mixture.

Density and/or relative density

0.964 g/cm³

Relative vapour density

Not determined for the mixture.

Evaporation Rate

Not determined for the mixture.

Explosive properties

Formation of explosive air/steam mixtures is possible. Product is not explosive.

Oxidising properties

Not determined for the mixture.

VOC %

25 %

Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Keep away from heat and sources of ignition.

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10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products are known.
 For information on combustion products, see Section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on the available data, the classification criteria are not met. Toxicology data for the components

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
ethanol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401
ethanol 64-17-5 / 200-578-6	LC50	> 50 mg/l	Inhalation	4 h	rat	OECD 403
Alcohols, C12-14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	-	rat	-

Skin corrosion/irritation

Based on the available data, the classification criteria are not met.

Serious eye damage/irritation

Based on the available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met.

Germ cell mutagenicity

Based on the available data, the classification criteria are not met.

Genotoxicity

Based on the available data, the classification criteria are not met.

Mutagenicity

Based on the available data, the classification criteria are not met.

Carcinogenicity

Based on the available data, the classification criteria are not met.

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Repeated dose toxicity

Based on the available data, the classification criteria are not met.

Reproductive toxicity

Based on the available data, the classification criteria are not met.

STOT-single exposure

Based on the available data, the classification criteria are not met.

STOT-repeated exposure

Based on the available data, the classification criteria are not met.

Aspiration hazard

Based on the available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ethanol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Golden orfe

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
ethanol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	Chlorella vulgaris (Fresh water algae)	OECD 201

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Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ethanol 64-17-5 / 200-578-6	EC50	> 10.000 mg/l	48 h	Daphnia magna (Water flea)

12.2. Persistence and degradability

Persistence and degradability

No information is available for this item.

12.3. Bioaccumulative potential

Bioaccumulative potential

No information is available for this item.

12.4. Mobility in soil

Mobility

No information is available for this item.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

12.7. Other adverse effects

Other adverse effects

No information available

Other

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging : Dispose of as unused product.

Waste code	Description
07 06 99	wastes not otherwise specified

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Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

1170

14.2. UN proper shipping name

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

IMDG proper shipping name

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

Label



3

ADR / RID Class

3

ADR / RID Classification code

F1

ADR / RID hazard identification number

30

IMDG Class

3

IATA Class

3

ADN Class

3

ADN Class Code

F1

14.4. Packing group

III

14.5. Environmental hazards

Environmental hazards

No

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IMDG Marine Pollutant

No

14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Other

Additional information ADR-RID

LQ: 5 L

EQ: E1

Transport category (tunnel restriction code): 3 (D/E)

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: not required - no detergent.

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: P5c

National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

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Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

SECTION 16: Other information

Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878
 Section 15. Regulatory information: Water hazard class

Abbreviations

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ADR - Accord relatif au transport international des marchandises Dangereuses par Route
 CAS - Chemical Abstract Service
 CLP - Classification, Labelling and Packaging
 DMEL - Derived Minimum Effect Level
 DNEL - Derived no effect level
 EC50 - Half maximal effective concentration 50%
 GHS - Globally Harmonised System
 IATA - International Air Transport Association
 IMDG - International Maritime Dangerous Goods
 LC50 - Lethal concentration 50%
 LD50 - Lethal dosis 50 %
 MARPOL - International Convention for the Prevention of Pollution from Ships
 PBT - Persistent, bioaccumulative and toxic substance
 PEC - Predicted Environmental Concentration
 PNEC - predicted no effect concentration
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
 RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses
 SVHC - Substance of very high concern
 vPvB - Very persistent, very bioaccumulative substance

References to key literature and data sources

Safety data sheets from raw material suppliers

Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:
 Physical hazards: Flash point
 Health hazards: calculation method

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Phrase meaning

Flam. Liq. 2 - Flammable liquids, hazard category 2

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Other

Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.