

AIR CON CLEANER

| | | | |
|---------------|-------------------|---------|-----|
| Creation date | 20th October 2021 | Version | 2.0 |
| Revision date | | | |

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

- 1.1. Product identifier**
Substance / mixture
Number
UFI
- AIR CON CLEANER
mixture
R 34147
XPJ1-U3MY-000T-NHSF
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Cleaning agent.
Mixture uses advised against
For professional use only.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name
Address

Identification number (CRN)
VAT Reg No
Phone
E-mail
Web address
- RETECH, s.r.o.
Vackova 1541/4, Praha 5 - Stodůlky, 155 00
Czech Republic
25018205
CZ25018205
+420327596428
info@retech.cz
www.retech.com
- Competent person responsible for the safety data sheet**
Name
E-mail
- RETECH, s.r.o.
info@retech.cz
- 1.4. Emergency telephone number**
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.

Aerosol 1, H222, H229
Eye Irrit. 2, H319

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

Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

- 2.2. Label elements**

Hazard pictogram**Signal word**

Danger

Hazard statements

| | |
|------|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H319 | Causes serious eye irritation. |

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Precautionary statements

| | |
|----------------|--|
| 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. |
| P271 | Use only outdoors or in a well-ventilated area. |
| 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 to 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: 68476-85-7 EC: 270-704-2 | Petroleum gases, liquefied | 10-30 | Flam. Gas 1A, H220 Press. Gas (liquefied gas), H280 Specific concentration limit: ATE Inhalation (vapor) = 21,6 mg/l | |
| CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25 | propan-2-ol | 5-10 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 Specific concentration limit: ATE Oral = 5045 mg/kg bw ATE Dermal = 12800 mg/kg bw ATE Inhalation (dust/mist) = 30 mg/l | |
| CAS: 111-76-2 EC: 203-905-0 Registration number: 01-2119475108-36 | 2-butoxyethanol | 1-5 | Acute Tox. 4, H302, H312, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Specific concentration limit: ATE Oral = 500 mg/kg bw ATE Dermal = 1100 mg/kg bw ATE Inhalation (vapor) = 11 mg/l | 1 |
| CAS: 64-02-8 EC: 200-573-9 Registration number: 01-2119486762-27 | tetrasodium ethylene diamine tetraacetate | <1 | Acute Tox. 4, H302+H332 Eye Dam. 1, H318 STOT RE 2, H373 | |

Notes

1 Substance with a Union workplace exposure limit.

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

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

If inhaled

Transfer the affected person to the fresh air and ensure calm environment for body and mind. Remove person to fresh air and keep comfortable for breathing.

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If on skin

Wash the affected area with plenty of water, lukewarm if possible.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. In the event of issues, find medical advice.

If swallowed

Rinse out the mouth with clean water. DO NOT INDUCE VOMITING! In the event of issues, find medical advice.

4.2. Most important symptoms and effects, both acute and delayed**If inhaled**

Dizziness, headaches, fatigue Nausea.

If on skin

Repeated exposure may cause skin dryness.

If in eyes

Causes serious eye irritation.

If swallowed

Gastrointestinal symptoms, including upset stomach.

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**

Carbon dioxide, foam, powder.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: May burst if heated. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide sufficient ventilation. Use personal protective equipment for work. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Remove all ignition sources. No smoking. Take action to prevent static discharges. Do not inhale vapours. Do not get in eyes, on skin, or on clothing. Danger of slipping on spilled product. Do not touch or walk through spilt material. Wash hands and exposed parts of the body thoroughly after handling.

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

Ventilate the room. Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. After removal of the product, wash the contaminated site with plenty of water.

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

Use personal protective equipment as per Section 8. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not get in eyes, on skin, or on clothing. Do not inhale vapours. Do not inhale aerosols. Do not expose to temperatures exceeding 50 °C/122 °F. Do not pierce or burn, even after use. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wash hands and exposed parts of the body thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

| Content | Packaging type | Material of package |
|---------|----------------|---------------------|
| 300 ml | aerosol can | |

Storage temperature min 4 °C, max 40 °C

7.3. Specific end use(s)

See the Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Commission Directive 2000/39/EC

| Substance name (component) | Type | Value | Note |
|---------------------------------|----------------|-----------------------|------|
| 2-butoxyethanol (CAS: 111-76-2) | OEL 8 hours | 98 mg/m ³ | Skin |
| | OEL 8 hours | 20 ppm | |
| | OEL 15 minutes | 246 mg/m ³ | |
| | OEL 15 minutes | 50 ppm | |

DNEL

2-butoxyethanol

| Workers / consumers | Route of exposure | Value | Effect | Determining method |
|---------------------|-------------------|-----------------------|--------------------------|--------------------|
| Workers | Dermal | 89 mg/kg/24hour | Systemic acute effects | |
| Workers | Inhalation | 663 mg/m ³ | Systemic acute effects | |
| Workers | Dermal | 75 mg/kg/24hour | Systemic chronic effects | |
| Workers | Inhalation | 98 mg/m ³ | Systemic chronic effects | |
| Consumers | Dermal | 44.5 mg/kg | Systemic acute effects | |
| Consumers | Inhalation | 426 mg/m ³ | Systemic acute effects | |
| Consumers | Oral | 13.4 mg/kg | Systemic acute effects | |
| Consumers | Dermal | 38 mg/kg | Systemic chronic effects | |
| Consumers | Oral | 3.2 mg/kg | Systemic chronic effects | |
| Consumers | Inhalation | 49 mg/m ³ | Systemic chronic effects | |
| Consumers | Inhalation | 123 mg/m ³ | Local chronic effects | |
| Workers | Inhalation | 246 mg/m ³ | Local chronic effects | |

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propan-2-ol

| Workers / consumers | Route of exposure | Value | Effect | Determining method |
|---------------------|-------------------|-----------------------|--------------------------|--------------------|
| Consumers | Oral | 26 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Dermal | 319 mg/kg bw/day | Systemic chronic effects | |
| Workers | Dermal | 888 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Inhalation | 89 mg/m ³ | Systemic chronic effects | |
| Workers | Inhalation | 500 mg/m ³ | Systemic chronic effects | |

tetrasodium ethylene diamine tetraacetate

| Workers / consumers | Route of exposure | Value | Effect | Determining method |
|---------------------|-------------------|-----------------------|--------------------------|--------------------|
| Workers | Inhalation | 1.5 mg/m ³ | Local chronic effects | |
| Workers | Inhalation | 3 mg/m ³ | Local acute effects | |
| Consumers | Inhalation | 0.6 mg/m ³ | Local chronic effects | |
| Consumers | Inhalation | 1.2 mg/m ³ | Local acute effects | |
| Consumers | Oral | 25 mg/kg bw/day | Systemic chronic effects | |

PNEC

2-butoxyethanol

| Route of exposure | Value | Determining method |
|---|------------|--------------------|
| Freshwater environment | 8.8 mg/l | |
| Seawater | 0.88 mg/l | |
| Freshwater sediment | 34.6 mg/kg | |
| Soil (agricultural) | 2.8 mg/kg | |
| Microorganisms in wastewater treatment plants | 463 mg/l | |
| Sea sediments | 3.46 mg/kg | |

propan-2-ol

| Route of exposure | Value | Determining method |
|---|--|--------------------|
| Freshwater environment | 140.9 mg/l | |
| Water (intermittent release) | 140.9 mg/l | |
| Seawater | 140.9 mg/l | |
| Microorganisms in wastewater treatment plants | 2251 mg/l | |
| Freshwater sediment | 552 mg/kg of dry substance of sediment | |
| Sea sediments | 552 mg/kg of dry substance of sediment | |
| Soil (agricultural) | 28 mg/kg of dry substance of soil | |

tetrasodium ethylene diamine tetraacetate

| Route of exposure | Value | Determining method |
|---|-------------------------------------|--------------------|
| Freshwater environment | 2.2 mg/l | |
| Water (intermittent release) | 1.2 mg/l | |
| Seawater | 0.22 mg/l | |
| Microorganisms in wastewater treatment plants | 43 mg/l | |
| Soil (agricultural) | 0.72 mg/kg of dry substance of soil | |

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8.2. Exposure controls

Provide sufficient ventilation. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. EN166 - Personal Eye Protection Standard. Tightly sealed goggles.

Skin protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. EN ISO 374-1. Penetration time of glove material: ≥ 240 min. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. Protective gloves shall be replaced immediately when damaged. Recommended thickness of the material: ≥ 0.15 mm. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application. Material of gloves: Nitrile rubber, NBR. Rubber (natural, latex). Neoprene. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. In case of inadequate ventilation wear respiratory protection. Check that the respirator fits tightly and the filter is changed regularly. Filter A2.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--|------------------------------|
| Physical state | gas |
| Colour | white |
| Odour | citrus |
| Melting point/freezing point | data not available |
| Boiling point or initial boiling point and boiling range | data not available |
| Flammability | Extremely flammable aerosol. |
| Lower and upper explosion limit | data not available |
| Flash point | data not available |
| Auto-ignition temperature | data not available |
| Decomposition temperature | data not available |
| pH | non-polar/aprotic |
| Kinematic viscosity | data not available |
| Solubility in water | soluble |
| Solubility in fats | data not available |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | data not available |
| Density and/or relative density | data not available |
| Form | aerosol |
| data not available | |

9.2. Other information

| | |
|------------------|----------------|
| Evaporation rate | non-applicable |
|------------------|----------------|

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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

not available

10.4. Conditions to avoid

Keep away from sources of heating, ignition and direct sunlight. Pressurised container: May burst if heated.

10.5. Incompatible materials

Combustible materials.

10.6. Hazardous decomposition products

Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

2-butoxyethanol

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|--------------------|-----------|---------------|------------------|---------|-----|
| Oral | ATE | 500 mg/kg bw | | | |
| Dermal | ATE | 1100 mg/kg bw | | | |
| Inhalation (vapor) | ATE | 11 mg/l | | | |

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| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|-----------|----------------|------------------|---------|-----|
| Oral | ATE | 11111.11 mg/kg | | | |
| Dermal | ATE | 24444.44 mg/kg | | | |
| Inhalation | ATE | 244.44 mg/l | | | |

Petroleum gases, liquefied

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|--------------------|------------------|-----------|------------------|---------|-----|
| Inhalation (vapor) | LC ₅₀ | 21.6 mg/l | | Rat | |
| Inhalation (vapor) | ATE | 21,6 mg/l | | | |

propan-2-ol

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|------------------------|------------------|----------------|------------------|---------|-----|
| Oral | LD ₅₀ | 5045 mg/kg | | Rat | |
| Dermal | LD ₅₀ | 12800 mg/kg | | Rabbit | |
| Inhalation (dust/mist) | LC ₅₀ | 30 mg/l | | Rat | |
| Oral | ATE | 5045 mg/kg bw | | | |
| Dermal | ATE | 12800 mg/kg bw | | | |
| Inhalation (dust/mist) | ATE | 30 mg/l | | | |

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

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Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

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.

11.2. Information on other hazards

not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Data for the mixture are not available.

2-butoxyethanol

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|---------------|------------------|---------------------------------------|-------------|
| LC ₅₀ | 820-1490 mg/l | 96 hour | Fishes | |
| EC ₅₀ | 835-1550 mg/l | 48 hour | Aquatic invertebrates (Daphnia magna) | |
| IC ₅₀ | 1840 mg/l | 72 hour | Algae | |

propan-2-ol

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|-----------|------------------|---------------------------------|-------------|
| LC ₅₀ | 9640 mg/l | 96 hour | Fishes (Pimephales promelas) | |
| LC ₅₀ | 9714 mg/l | 24 hour | Invertebrates (Daphnia magna) | |
| EC ₅₀ | >100 mg/l | 72 hour | Algae (Scenedesmus subspicatus) | |

12.2. Persistence and degradability

The mixture is biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

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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. Endocrine disrupting properties

not available

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

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.

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.

Waste type code

16 03 05 organic wastes containing hazardous substances *

Packaging waste type code

15 01 11 metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers *

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information**14.1. UN number or ID number**

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

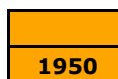
Additional information

Hazard identification No.

UN number

Classification code

Safety signs



5F

2.1

**Road transport - ADR**

Tunnel restriction code

(D)

Railway transport - RID

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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. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended

5- <15 % aliphatic hydrocarbons, <5 % phosphates, <5 % non-ionic surfactants, <5 % EDTA and salts thereof, perfumes, Limonene

15.2. Chemical safety assessment

not available

SECTION 16: Other information**A list of standard risk phrases used in the safety data sheet**

| | |
|-----------|--|
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H302+H332 | Harmful if swallowed or if inhaled. |

Guidelines for safe handling used in the safety data sheet

| | |
|----------------|--|
| 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. |
| P271 | Use only outdoors or in a well-ventilated area. |
| 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 to in accordance with national regulations. |

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 |
| 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 ₅₀ | Concentration of a substance when it is affected 50% of the population |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EmS | Emergency plan |

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| ES | Identification code for each substance listed in EINECS |
| 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 |
| IC ₅₀ | 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 |
| LC ₅₀ | Lethal concentration of a substance in which it can be expected death of 50% of the population |
| LD ₅₀ | Lethal dose of a substance in which it can be expected death of 50% of the population |
| log Kow | Octanol-water partition coefficient |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted no-effect concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| 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 |
| Aerosol | Aerosol |
| Eye Dam. | Serious eye damage |
| Eye Irrit. | Eye irritation |
| Flam. Gas | Flammable gas |
| Flam. Liq. | Flammable liquid |
| Press. Gas | Gases under pressure |
| Skin Irrit. | Skin irritation |
| STOT RE | Specific target organ toxicity - repeated exposure |
| STOT SE | Specific target organ toxicity - single exposure |

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.

The changes (which information has been added, deleted or modified)

The version 2.0 replaces the SDS version from 18 December 2017. Changes were made in sections 1, 2, 3, 8, 11, 12, 13, 15 and 16.

Statement

SAFETY DATA SHEET

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

AIR CON CLEANER

Creation date

20th October 2021

Revision date

Version

2.0

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.