

INTERIOR CLEANER

| | | | |
|---------------|-------------------|---------|-----|
| Creation date | 13th January 2021 | Version | 4.0 |
| Revision date | | | |

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

| | |
|---------------------|--|
| Substance / mixture | INTERIOR CLEANER |
| Number | mixture |
| UFI | 1 35415 (5 kg); 1 35416 (25 kg); 1 35473 (1 l) |
| | NTW0-UWGT-F303-4JEG |

1.2. Relevant identified uses of the substance or mixture and uses advised against**Mixture's intended use**

Cleaning agent.

The use descriptors

SU 22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Mixture uses advised against

For professional use only.

Main intended use

PC-CLN-17.OTH Other vehicle (all types) cleaning and care products

1.3. Details of the supplier of the safety data sheet**Supplier**

| | |
|-----------------------------|--|
| Name or trade name | RETECH, s.r.o. |
| Address | Vackova 1541/4, Praha 5 - Stodůlky, 155 00 |
| | Czech Republic |
| Identification number (CRN) | 25018205 |
| VAT Reg No | CZ25018205 |
| Phone | +420327596428 |
| E-mail | info@retech.cz |
| Web address | www.retech.com |

Competent person responsible for the safety data sheet

| | |
|--------|----------------|
| Name | RETECH, s.r.o. |
| E-mail | 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.

Skin Irrit. 2, H315
Eye Dam. 1, H318
Aquatic Chronic 3, H412

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

Most serious adverse effects on human health and the environment

Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

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2.2. Label elements
Hazard pictogram

Signal word

Danger

Hazardous substances

 Alcohol Ethoxylate C10
 sodium hydroxide

Hazard statements

 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

 P280 Wear protective gloves/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 P501 Dispose of contents/container to in accordance with national regulations.

Supplemental information

EUH208 Contains (R) -p-mentha-1,8-diene. May produce an allergic reaction.

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: 160875-66-1 | Alcohol Ethoxylate C10 | 2,5-10,0 | Acute Tox. 4, H302 Eye Dam. 1, H318 | |
| CAS: 97489-15-1 EC: 307-055-2 Registration number: 01-2119489924-20 | sulfonic acids, C14-17-sec-alkane, sodium salts | 2,5-10,0 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | |
| CAS: 1310-73-2 EC: 215-185-5 Registration number: 01-2119457892-27 | sodium hydroxide | <2,5 | Met. Corr. 1, H290 Acute Tox. 4, H312 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Corr. 1A, H314: C ≥ 5 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 % Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % | 1 |

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| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
| CAS: 5989-27-5 EC: 227-813-5 Registration number: 01-2119529223-47 | (R) -p-mentha-1,8-diene | <2,5 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | |

Notes

1 Substance for which exposure limits of Community for working environment exist.

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**

Remove contaminated clothes immediately.

If inhaled

In case of unconsciousness place patient stably in side position for transportation.

If on skin

Immediately wash with water and soap and rinse thoroughly. Rinse cautiously with water for several minutes.

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. Provide medical treatment.

If swallowed

In the event of issues, find medical help.

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

not available

If on skin

Causes skin irritation.

If in eyes

Causes serious eye damage.

If swallowed

not available

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

not available

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

not available

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing.

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

Put on breathing apparatus. Use personal protective equipment for work. Keep unprotected persons away.

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6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up

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. Use neutralising agent.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

No special requirements.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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

8.2. Exposure controls

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye/face protection

Tightly sealed goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Material of gloves: Nitrile rubber, NBR. Recommended thickness of the material: ≥ 0.4 mm. Penetration time of glove material: > 480 min. 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

It is not needed.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

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

| | |
|--|-------------------------|
| Physical state | liquid |
| Color | colourless |
| Odour | characteristic |
| Melting point/freezing point | data not available |
| Boiling point or initial boiling point and boiling range | 100 °C |
| Flammability | data not available |
| 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 | 13 (undiluted at 20 °C) |

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| | |
|---|--------------------|
| Kinematic viscosity | data not available |
| Solubility in water | miscible |
| Solubility in fats | data not available |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | 23 hPa at 20 °C |
| Density and/or relative density | data not available |
| data not available | |

9.2. Other information

| | |
|------------------------------|---|
| Evaporation rate | data not available |
| Explosive properties | The product does not have explosive properties. |
| Product is not selfigniting. | |

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

not available

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

Unknown.

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.

(R) -p-mentha-1,8-diene

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|------------|------------------|---------|-----|
| Oral | LD ₅₀ | 3500 mg/kg | | Rat | |

Alcohol Ethoxylate C10

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|-----------------|------------------|---------|-----|
| Oral | LD ₅₀ | >300-2000 mg/kg | | Rat | |

sodium hydroxide

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|------------|------------------|---------|-----|
| Dermal | LD ₅₀ | 1350 mg/kg | | Rabbit | |

sulfonic acids, C14-17-sec-alkane, sodium salts

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|----------------|------------------|---------|-----|
| Oral | LD ₅₀ | 500-2000 mg/kg | | Rat | |
| Dermal | LD ₅₀ | >2000 mg/kg | | Mouse | |

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Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

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

Harmful to aquatic life with long lasting effects.

(R) -p-mentha-1,8-diene

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|----------|------------------|---------|-------------|
| LC ₅₀ | 0.7 mg/l | 96 hour | Fishes | |

Alcohol Ethoxylate C10

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|-----------------|------------------|---------|-------------|
| LC ₅₀ | 10.1-100.0 mg/l | 96 hour | Fishes | |

sodium hydroxide

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|----------|------------------|---------|-------------|
| LC ₅₀ | 189 mg/l | 96 hour | Fishes | |

sulfonic acids, C14-17-sec-alkane, sodium salts

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|-----------|------------------|---------|-------------|
| LC ₅₀ | 1-10 mg/l | 96 hour | Fishes | |

12.2. Persistence and degradability

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Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

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

Ecotoxicological effects: Remark: Toxic for fish

Additional ecological information:

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms. Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

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 10 packaging containing residues of or contaminated by hazardous substances *

15 01 02 plastic packaging

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

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

Not subject to ADR

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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14.7. Maritime transport in bulk according to IMO instruments
not available

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 % anionic surfactants, <5 % amphoteric surfactants, <5 % non-ionic surfactants, 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**

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Guidelines for safe handling used in the safety data sheet

| | |
|----------------|--|
| P280 | Wear protective gloves/eye protection/face protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |
| P501 | Dispose of contents/container to in accordance with national regulations. |

A list of additional standard phrases used in the safety data sheet

| | |
|--------|---|
| EUH208 | Contains (R) -p-mentha-1,8-diene. May produce an allergic reaction. |
|--------|---|

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 |

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| | |
|---------------------|---|
| DNEL | Derived no-effect level |
| EC | Identification code for each substance listed in EINECS |
| 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 |
| 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 |
| LOAEC | Lowest observed adverse effect concentration |
| LOAEL | Lowest observed adverse effect level |
| log K _{ow} | Octanol-water partition coefficient |
| MARPOL | International Convention for the Prevention of Pollution From Ships |
| NOAEC | No observed adverse effect concentration |
| NOAEL | No observed adverse effect level |
| NOEC | No observed effect concentration |
| NOEL | No observed effect level |
| 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 |
| Aquatic Acute | Hazardous to the aquatic environment |
| Aquatic Chronic | Hazardous to the aquatic environment (chronic) |
| Asp. Tox. | Aspiration hazard |
| Eye Dam. | Serious eye damage |
| Eye Irrit. | Eye irritation |
| Flam. Liq. | Flammable liquid |
| Met. Corr. | Corrosive to metals |
| Skin Corr. | Skin corrosion |
| Skin Irrit. | Skin irritation |
| Skin Sens. | Skin sensitization |

Training guidelines

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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 4.0 replaces the SDS version from 5 August 2019. Changes were made in sections 1, 2 and 16.

Statement

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.