

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.05.2024


Version number 302 (replaces version 301)

Revision: 14.05.2024

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

- **1.1 Product identifier** 600322
- **Trade name:** cold cleaner odorless E-COLL
- **Article number:** 4317784547338
- **EINECS Number:** 927-285-2
- **Registration number** 01-2119480162-45
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - **Sector of Use**
    - SU21 Consumer uses: Private households / general public / consumers
    - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  - **Product category**
    - PC9a Coatings and paints, thinners, paint removers
    - PC 0.56 - solvent
  - **Application of the substance / the mixture** Cleaner solvent
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    - E/D/E - Einkaufsbuero Deutscher Eisenhaendler GmbH
    - EDE Platz 1
    - D-42389 Wuppertal
    - Germany
  - Tel. +49 202 6096-0
  - e-mail: sdb@ede.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** Giftinformationszentrum Mainz – Tel.: +49 (6131) 19240

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**
    - The product is classified and labelled according to the CLP regulation.
  - **Hazard pictograms**
    - 
    - GHS08
  - **Signal word** Danger

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**· Hazard-determining components of labelling:**

Hydrocarbons, C11 - C14,  
isoalkanes, cyclics, <2% aromatics

**· Hazard statements**

H304 May be fatal if swallowed and enters airways.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves / eye protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment**


- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**· 3.2 Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

**· Dangerous components:**

EC number: 927-285-2 Reg.nr.: 01-2119480162-45-xxxx	Hydrocarbons, C11 - C14, isoalkanes, cyclics, <2% aromatics  Asp. Tox. 1, H304	50-100%
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**· Regulation (EC) No 648/2004 on detergents / Labelling for contents**

30 % and more  
aliphatic hydrocarbons

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**· 4.1 Description of first aid measures****· General information:**

Personal protection for the First Aider.  
Immediate medical treatment is required. This safety data sheet must be shown to the attending physician.

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**· After inhalation:**

Seek medical treatment in case of complaints.

Aspiration into the lungs can lead to severe lung damage. If breathing stops, administer artificial respiration. Call for medical assistance. Remove to fresh air. Avoid direct contact with skin. In case of mouth-to-mouth resuscitation, use contact protection. If breathing is difficult (should be given by trained personnel) administer oxygen. Get medical advice/attention immediately. Pulmonary oedema may be delayed.

**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**· After eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. Seek medical attention.

**· After swallowing:**

IF SWALLOWED, THERE IS A RISK OF ASPIRATION - MAY ENTER THE LUNGS AND CAUSE DAMAGE. DO NOT induce vomiting. In case of spontaneous vomiting, keep head below hips to prevent aspiration. Rinse out mouth. Never give water to an unconscious person. Get medical advice/attention immediately.

**· 4.2 Most important symptoms and effects, both acute and delayed**

Breathing difficulties. Coughing and/or wheezing. Drowsiness. Prolonged contact may cause redness and irritation.

**· 4.3 Indication of any immediate medical attention and special treatment needed**

Due to the risk of aspiration, vomiting and gastric lavage should not be performed unless the risk is justified by the risk of further toxic substances.

**SECTION 5: Firefighting measures****· 5.1 Extinguishing media**

· **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**· 5.3 Advice for firefighters****· Protective equipment:**

Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.

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

Keep away from ignition sources.

· **6.2 Environmental precautions:** Prevent seepage into sewage system, workpits and cellars.

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- **6.3 Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
 Keep ignition sources away - Do not smoke.  
  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
  - **Requirements to be met by storerooms and receptacles:** Well closed, protected from light.
  - **Information about storage in one common storage facility:** Store away from oxidising agents.
  - **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
  - **Appropriate engineering controls** No further data; see section 7.
  - **Individual protection measures, such as personal protective equipment**
  - **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.

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Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

**Respiratory protection:**

Not necessary if room is well-ventilated.  
Respiratory protection is not required when used properly and under normal conditions.  
Use breathing protection if ventilation is inadequate  
Filter A/P2

**Hand protection**

Protective gloves

**Material of gloves**

Nitrile rubber, NBR  
Penetration time (min.) : 480  
Recommended thickness of the material:  $\geq 0.4$  mm

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection** Recommendation: safety glasses with side protection shield

**Body protection:** Protective work clothing

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

· Colour:	Colourless
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	-45 °C
· Boiling point or initial boiling point and boiling range	>185 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.6 Vol %
· Upper:	7 Vol %
· Flash point:	62 °C
· Auto-ignition temperature:	230 °C
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 40 °C	1.6 mm <sup>2</sup> /s

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- **Kinematic: 23 °C - 4 mm (ISO 2431)**
- **Dynamic:** Not determined.
- **Solubility**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure at 20 °C:** 0.6 hPa
- **Density and/or relative density**
- **Density at 20 °C:** 0.76 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.
  
- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
  
- **Solvent separation test:**
- **VOC (EC) %** 100.00 %
- **VOC (EC) g/l**
- **VOCV (CH)** 100.00 %
- **Change in condition**
- **Drip point:**
- **Oxidising properties** Not determined.
- **Evaporation rate** Not determined.
  
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

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### SECTION 10: Stability and reactivity

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- **10.1 Reactivity** No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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

- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:****Hydrocarbons, C11 - C14,  
isoalkanes, cyclics, <2% aromatics**

Oral	LD50	5,000 mg/kg (rat) (OCED 401)
Dermal	LD50	5,000 mg/kg (rabbit) (OCED 402)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **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.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

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### SECTION 12: Ecological information

**· 12.1 Toxicity****· Aquatic toxicity:** No further relevant information available.**· 12.2 Persistence and degradability** No further relevant information available.**· 12.3 Bioaccumulative potential** No further relevant information available.**· 12.4 Mobility in soil** No further relevant information available.**· 12.5 Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· 12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**· 12.7 Other adverse effects****· Additional ecological information:****· General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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### SECTION 13: Disposal considerations

**· 13.1 Waste treatment methods:**

Containers can be recycled if completely empty; if not, dispose product/containers as dangerous waste.  
Observe local regulations.

**· European waste catalogue**

07 01 04*	other organic solvents, washing liquids and mother liquors
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### SECTION 14: Transport information

**· 14.1 UN number or ID number****· ADR, ADN, IMDG, IATA** Void**· 14.2 UN proper shipping name****· ADR** UN-  
**· ADN, IMDG, IATA** Void**· 14.3 Transport hazard class(es)****· ADR****· Class** - (-)**· Label** -

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· <b>ADN/R Class:</b>	Void
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· <b>IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Label</b>	-
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>EMS Number:</b>	-
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Hydrocarbons, C11 - C14,  
isoalkanes, cyclics, <2% aromatics

· **Hazard statements**

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

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

P102 Keep out of reach of children.

P280 Wear protective gloves / eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **Exposure scenario(s)**

Exposure scenario(s) of ingredients (if present) are available on request at:

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**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant phrases**

H304 May be fatal if swallowed and enters airways.

**· Contact:** sdb@ede.de**· Date of previous version:** 14.05.2024**· Version number of previous version:** 301**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

**· \* Data compared to the previous version altered.**