

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

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

- **1.1 Product identifier** 600003
- **Trade name:** Universal cold cleaner E-COLL
- **CAS No. Description** Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
- **Article number:** 4317784349055
- **EC number:**  
918-481-9
- **Index number:**  
649-327-00-6
- **Registration number** 01-2119457273-39-xxxx
- **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)
- **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:**  
Poison Control Center Mainz - 24 hour emergency service – phone: +49 (0) 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 substance is classified and labelled according to the CLP regulation.

(Contd. on page 2)

## Safety data sheet

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

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 1)

**· Hazard pictograms**

GHS08

**· Signal word** Danger**· Hazard-determining components of labelling:**

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 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.  
P260 Do not breathe mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
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****· 3.1 Substances****· CAS No. Description**

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics

**· Identification number(s)**

- **EC number:** 918-481-9
- **Index number:** 649-327-00-6
- **Registration number** 01-2119457273-39-xxxx

EU

(Contd. on page 3)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 2)

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**  
Supply fresh air.  
Seek medical treatment.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **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:** No special measures required.
- **Additional information** Cool endangered receptacles with water spray.

### SECTION 6: Accidental release measures

#### · 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

#### · 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

(Contd. on page 4)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 3)

Do not allow to enter sewers/ surface or ground water.

**· 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** No special precautions are necessary if used correctly.**· 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:** Store only in the original receptacle.**· 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:** Not required.**· 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.

(Contd. on page 5)

## Safety data sheet

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

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 4)

Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.

**• Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.  
Filter A/P2

**• Hand protection**

Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.

**• Material of gloves**

Butyl rubber, BR  
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.

**• Eye/face protection**

Tightly sealed goggles

**• Body protection:** Protective work clothing**SECTION 9: Physical and chemical properties****• 9.1 Information on basic physical and chemical properties****• General Information**

|  |                 |
|--|-----------------|
| • Physical state   | Liquid          |
| • Colour:  | Colourless      |
| • Odour:   | Mild            |
| • Odour threshold:   | Not determined. |
| • Melting point/freezing point:                            | Undetermined.   |
| • Boiling point or initial boiling point and boiling range | 186-214 °C      |
| • Flammability   | Not applicable. |
| • Lower and upper explosion limit                          |                 |
| • Lower:   | 0.6 Vol %       |
| • Upper:   | 7 Vol %         |
| • Flash point:   | >61 °C          |
| • Decomposition temperature:                               | Not determined. |
| • pH   | Not determined. |

(Contd. on page 6)

## Safety data sheet

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

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 5)

|  |   |
|--|---|
| · <b>Viscosity:</b>  |   |
| · <b>Kinematic viscosity at 20 °C</b>  | 1.57 mm <sup>2</sup> /s (DIN 53211/4)           |
| · <b>Kinematic: 23 °C - 4 mm (ISO 2431)</b>  |   |
| · <b>Dynamic:</b>  | Not determined.                                 |
| · <b>Solubility</b>  |   |
| · <b>water:</b>  | Insoluble.<br>Not miscible or difficult to mix. |
| · <b>Partition coefficient n-octanol/water (log value)</b>                             | Not determined.                                 |
| · <b>Vapour pressure at 20 °C:</b>   | <1 hPa  |
| · <b>Density and/or relative density</b>   |   |
| · <b>Density at 20 °C:</b>   | 0.8 g/cm <sup>3</sup>                           |
| · <b>Relative density</b>  | Not determined.                                 |
| · <b>Vapour density</b>  | Not determined.                                 |
| · <b>9.2 Other information</b>   |   |
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Fluid   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Ignition temperature:</b>   | Not determined.                                 |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard.   |
| · <b>Solvent content:</b>  |   |
| · <b>VOC (EC) %</b>  | 799,0 g/l                                       |
| · <b>VOCV (CH)</b>   | 100,00 %  |
| · <b>Molecular weight</b>  | 162 g/mol<br>162 g/mol                          |
| · <b>Change in condition</b>   |   |
| · <b>Evaporation rate</b>  | Not determined.                                 |
| · <b>Information with regard to physical hazard classes</b>                            |   |
| · <b>Explosives</b>  | Void  |
| · <b>Flammable gases</b>   | Void  |
| · <b>Aerosols</b>  | Void  |
| · <b>Oxidising gases</b>   | Void  |
| · <b>Gases under pressure</b>  | Void  |
| · <b>Flammable liquids</b>   | Void  |
| · <b>Flammable solids</b>  | Void  |
| · <b>Self-reactive substances and mixtures</b>   | Void  |
| · <b>Pyrophoric liquids</b>  | Void  |
| · <b>Pyrophoric solids</b>   | Void  |
| · <b>Self-heating substances and mixtures</b>  | Void  |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b>     | Void  |
| · <b>Oxidising liquids</b>   | Void  |
| · <b>Oxidising solids</b>  | Void  |
| · <b>Organic peroxides</b>   | Void  |
| · <b>Corrosive to metals</b>   | Void  |
| · <b>Desensitised explosives</b>   | Void  |

EU

(Contd. on page 7)

## Safety data sheet

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

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 6)

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
Can be distilled without decomposing at normal pressure.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **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, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

|            |         |                                |
|------------|---------|--------------------------------|
| Oral       | LD50    | >15,000 mg/kg (rat) (OECD 401) |
| Dermal     | LD50    | 3,400 mg/kg (rat) (OECD 402)   |
| Inhalative | LC50/4h | 13,100 ppm (rat) (OECD 403)    |

- **Primary irritant effect:**
- **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.

(Contd. on page 8)

## Safety data sheet

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

Printing date 11.03.2025

Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 7)

**· 11.2 Information on other hazards****· Endocrine disrupting properties**

Substance is not listed.

**SECTION 12: Ecological information****· 12.1 Toxicity****· Aquatic toxicity:****Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

|            |          |                                   |
|------------|----------|-----------------------------------|
| Inhalative | LC50     | >1,000 mg/L (Lepomis macrochirus) |
|            | EC50     | >1,000 mg/l (algae)               |
|            | EL50/48h | 1,000 mg/l (daphnia)              |

**· 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**

The product does not contain substances with endocrine disrupting properties.

**· 12.7 Other adverse effects****· Additional ecological information:****· General notes:**

Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

**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 |
|-----------|--|

EU

(Contd. on page 9)



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Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 8)

## SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| · 14.1 UN number or ID number                                  |                 |
| · ADR, ADN, IMDG, IATA   | Void            |
| · 14.2 UN proper shipping name                                 |                 |
| · ADR, ADN, IMDG, IATA   | Void            |
| · 14.3 Transport hazard class(es)                              |                 |
| · ADR, ADN, IMDG, IATA   |                 |
| · Class  | Void            |
| · 14.4 Packing group   |                 |
| · ADR, IMDG, IATA  | Void            |
| · 14.5 Environmental hazards:                                  |                 |
| · Marine pollutant:  | No              |
| · 14.6 Special precautions for user                            | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation":                                       | 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 substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Hydrocarbons, C10-C13, n-alkanes, 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.  
P260 Do not breathe mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

(Contd. on page 10)

## Safety data sheet

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

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Version number 310 (replaces version 309)

Revision: 11.03.2025

**Trade name: Universal cold cleaner E-COLL**

(Contd. of page 9)

- P331 Do NOT induce vomiting.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
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: 3,28,29

• **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

• **REGULATION (EU) 2019/1148**

• **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

• **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not listed.

• **Regulation (EC) No 273/2004 on drug precursors**

Substance is not listed.

• **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Substance is not listed.

#### **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.

• **Department issuing SDS:** Product safety department

• **Contact:**

Head of Product Safety Department  
sdb@ede.de

• **Date of previous version:** 21.02.2022

• **Version number of previous version:** 309

• **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  
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.**