

Safety data sheet

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

Printing date 14.05.2024

Version number 303 (replaces version 1)

Revision: 14.05.2024

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

- **1.1 Product identifier** 600321
- **Trade name:** cold cleaner rapidly fleeing E-COLL
- **Article number:** 4317784547345
- **EINECS Number:** 923-037-2
- **Registration number** 01-2119471991-29
- **UFI:** K1HQ-GAVT-0A0U-P982
- **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**
 - Flam. Liq. 3 H226 Flammable liquid and vapour.
 - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
 - Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008**
 - The product is classified and labelled according to the CLP regulation.

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· Hazard pictograms



GHS02 GHS08 GHS09

· Signal word Danger

· Hazard-determining components of labelling:

Hydrocarbons, C10-C12, isoalkanes, <2% aromatics

· Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

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

P102 Keep out of reach of children.

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

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P273 Avoid release to the environment.

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

P331 Do NOT induce vomiting.

P391 Collect spillage.

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: 923-037-2 Reg.nr.: 01-2119471991-29	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	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.
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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:**
In the event of an accident or if you feel unwell, call a doctor immediately (if possible, show operating instructions or safety data sheet). Remove the affected persons from the danger area and lay them down. Never give anything by mouth to an unconscious person or if they have cramps. In the event of unconsciousness, position yourself on your side and seek medical advice.
 - **After inhalation:**
Supply fresh air.
Seek medical treatment in case of complaints.
 - **After skin contact:** 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:**
Rinse out mouth and then drink plenty of water.
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.
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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
 - **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.
 - **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.
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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:** Prevent seepage into sewage system, workpits and cellars.
- **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**
- **Information about fire - and explosion protection:**
 Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Provide floor trough without outlet.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **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.

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

· Hand protection

Protective gloves

· Material of gloves

PVC gloves
Penetration time (min.) : >480 min.
Recommended thickness of the material: ≥ 0.5 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 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**

- **Physical state** Fluid
- **Colour:** Colourless
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** -81 °C
- **Boiling point or initial boiling point and boiling range** 153-180 °C (CAS: 93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated)
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 0.6 Vol % (CAS: 93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated)

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· Upper:	7 Vol % (CAS: 93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated)
· Flash point:	45 °C (CAS: 93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated)
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 40 °C	20.5 mm ² /s
· Kinematic: 23 °C - 4 mm (ISO 2431)	
· Dynamic:	Not determined.
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	1.6 hPa
· Density and/or relative density	
· Density at 20 °C:	0.749 g/cm ³
· 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:	
· Organic solvents:	90.0 %
· Change in condition	
· Drip point:	
· Oxidising properties	Not determined.
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void Void
· Flammable gases	Void Void
· Aerosols	Void Void
· Oxidising gases	Void Void
· Gases under pressure	Void Void
· Flammable liquids	Flammable liquid and vapour. Void
· Flammable solids	Void Void
· Self-reactive substances and mixtures	Void Void

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· Pyrophoric liquids	Void
	Void
· Pyrophoric solids	Void
	Void
· Self-heating substances and mixtures	Void
	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
	Void
· Oxidising liquids	Void
	Void
· Oxidising solids	Void
	Void
· Organic peroxides	Void
	Void
· Corrosive to metals	Void
	Void
· Desensitised explosives	Void
	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **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, C10-C12, isoalkanes, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat) (OCED 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OCED 402)
Inhalative	LC50/4h	>5,000 mg/m ³ (rat)

- **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.

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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.
- **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.

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

- **Remark:** Toxic for fish

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Toxic for aquatic organisms

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

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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**
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

* SECTION 14: Transport information

- **14.1 UN number or ID number**
· **ADR, IMDG, IATA** UN3295
- **14.2 UN proper shipping name**
· **ADR** UN1268 PETROLEUM DISTILLATES, N.O.S., ENVIRONMENTALLY HAZARDOUS
· **IMDG, IATA** HYDROCARBONS, LIQUID, N.O.S.
- **14.3 Transport hazard class(es)**
· **ADR**

· **Class** 3 (F1) Flammable liquids.
· **Label** 3
- **IMDG**

· **Class** 3 Flammable liquids.
· **Label** 3
- **IATA**

· **Class** 3 Flammable liquids.
· **Label** 3
- **14.4 Packing group**
· **ADR, IMDG, IATA** III
- **14.5 Environmental hazards:**
· **Marine pollutant:** Symbol (fish and tree)

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- **Special marking (ADR):** Symbol (fish and tree)
- **14.6 Special precautions for user** Warning: Flammable liquids.
- **Hazard identification number (Kemler code):** 30
- **EMS Number:** F-E,S-D
- **Stowage Category** A
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

· Transport/Additional information:

- **ADR**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- **Transport category** 3
- **Tunnel restriction code** D/E

- **IMDG**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III,
ENVIRONMENTALLY HAZARDOUS
- **UN "Model Regulation":**

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**



GHS02 GHS08 GHS09

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Hydrocarbons, C10-C12, isoalkanes, <2% aromatics
- **Hazard statements**
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P273 Avoid release to the environment.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P331 Do NOT induce vomiting.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment**· Named dangerous substances - ANNEX I** Methanol**· Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t**· Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**· REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· Exposure scenario(s)Exposure scenario(s) of ingredients (if present) are available on request at:
sdb@ede.de**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

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Contact: sdb@ede.de**· Date of previous version:** 13.05.2024**· Version number of previous version:** 1**· 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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Flam. Liq. 3: Flammable liquids – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· * Data compared to the previous version altered.

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