

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.08.2020

Version number 303

Revision: 19.08.2020

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

- **1.1 Product identifier** 600162
- **Trade name:** Rust dissolver E-COLL
- **Article number:** 4317784015592
- **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** Penetrating oil
- **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.  
Aquatic Chronic 3 H412 Harmful 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.

#### · Hazard pictograms



GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics,  
aromatics (2-25%)

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Distillates (petroleum), hydrotreated light naphthenic

**· Hazard statements**H304 May be fatal if swallowed and enters airways.  
H412 Harmful 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.  
P271 Use only outdoors or in a well-ventilated area.  
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 Chemical characterisation: Mixtures**

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

**· Dangerous components:**

Reg.nr.: 01-2119458869-15-xxxx	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ⚠ Asp. Tox. 1, H304 Aquatic Chronic 3, H412	50-100%
CAS: 64742-53-6 EINECS: 265-156-6 Index number: 649-466-00-2 Reg.nr.: 01-2119480375-34-xxxx	Distillates (petroleum), hydrotreated light naphthenic ⚠ Asp. Tox. 1, H304	10-25%

- **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.  
Immediately remove any clothing soiled by the product.**· After inhalation:**

Supply fresh air.

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Seek medical treatment in case of complaints.

**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
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.

**SECTION 5: Firefighting measures****· 5.1 Extinguishing media****· Suitable extinguishing agents:**

CO<sub>2</sub>, 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:** Do not inhale explosion gases or combustion gases.**SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures** Not required.**· 6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.  
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).  
Dispose contaminated material as waste according to item 13.

**· 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.

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### 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:** No special measures required.
- **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:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
Nitrile rubber, NBR  
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.

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- **Eye 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****· Appearance:****Form:** Fluid**Colour:** Brown**· Odour:** Characteristic**· Odour threshold:** Not determined.**· pH-value:** Not determined.**· Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** 190 °C**· Flash point:** 69 °C**· Flammability (solid, gas):** Not applicable.**· Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Product is not selfigniting.**· Explosive properties:** Product does not present an explosion hazard.**· Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**· Oxidising properties** Not determined.**· Vapour pressure:** Not determined.**· Density at 20 °C:** 0.825 g/cm<sup>3</sup>**· Relative density** Not determined.**· Vapour density** Not determined.**· Evaporation rate** Not determined.**· Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

**· Partition coefficient: n-octanol/water:** Not determined.**· Viscosity:****Dynamic:** Not determined.

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**Kinematic at 20 °C:** 3 mm<sup>2</sup>/s**· 9.2 Other information** No further relevant information available.**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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

**· LD/LC50 values relevant for classification:****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

Oral	LD50	>5,060 mg/kg (rat)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4h	13,100 mg/m <sup>3</sup> (rat)

**CAS: 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic**

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rat)

- **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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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- **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.

**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

EC50 10-22 mg/l (daphnia) (OECD 202)

**CAS: 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic**

EC50 (21d) &gt;10 mg/L (Daphnia galeata)

EC50 (48h) &gt;10,000 mg/L (Daphnia galeata)

NOEC (21d) 10 mg/l (Daphnia galeata)

- **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.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Harmful to aquatic organisms  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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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 06 04\* other organic solvents, washing liquids and mother liquors

**SECTION 14: Transport information****14.1 UN-Number****ADR, ADN, IMDG, IATA** Void**14.2 UN proper shipping name****ADR** Void**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 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**UN "Model Regulation":**

Void

**SECTION 15: Regulatory information****REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**National regulations:****Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**Exposure scenario(s)**Exposure scenario(s) of ingredients (if present) are available on request at:  
sdb@ede.de



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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.  
H412 Harmful to aquatic life with long lasting effects.

**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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