

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

Printing date 14.07.2025

Version number 303 (replaces version 302)

Revision: 14.07.2025

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

- **1.1 Product identifier** 600237
- **Trade name:** PU Foam Remover E-COLL
- **Article number:** 4317784234078
- **UFI:** NKXJ-3367-SA0P-YPJQ
- **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** Cleaning material/ Detergent
- **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**  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.
- **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**



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**· Signal word** Warning**· Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**· Precautionary statements**

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

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

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.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

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

The product does not meet the PBT and vPvB classification criteria

Contains no PBT and/or vPvB substances  $\geq 0.1\%$ , assessed according to REACH Annex XIII**· 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:**

CAS: 141-43-5	2-aminoethanol	<2.5%
EINECS: 205-483-3	⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318	
Index number: 603-030-00-8	⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335	
	Aquatic Chronic 3, H412	
	Specific concentration limit: STOT SE 3; C $\geq 5\%$	

**· Regulation (EC) No 648/2004 on detergents / Labelling for contents**

This product does not contain surfactants as defined in the EU Detergents Regulation (EC/648/2004) (&gt;0.2%).

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

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**SECTION 4: First aid measures**

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**· 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.  
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.  
Seek immediate medical advice.  
Induce vomiting only, if affected person is fully conscious.

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

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**· 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.

**· For safety reasons unsuitable extinguishing agents:** Water with full jet**· 5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)

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

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

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**· Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Particular danger of slipping on leaked/spilled product.

**· 6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.**· 6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

**· 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**

Use only in well ventilated areas.

Keep receptacles tightly sealed.

**· 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 alkali-resistant floor.

Prevent any seepage into the ground.

Store only in the original receptacle.

**· Information about storage in one common storage facility:** Store away from oxidising agents.**· Further information about storage conditions:** Protect from heat and direct sunlight.**· 7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

##### · Ingredients with limit values that require monitoring at the workplace:

###### **CAS: 141-43-5 2-aminoethanol**

IOELV	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm Skin
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#### · DNELs

###### **CAS: 141-43-5 2-aminoethanol**

Inhalative	Long term value for employees	3.3 mg/m <sup>3</sup> (human)
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· **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:**

Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Avoid contact with the eyes and skin.

##### · **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.  
Short term filter device:  
Filter A/P2

##### · **Hand protection**



Protective gloves

##### · **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** Recommendation: safety glasses with side protection shield

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- **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:                            | Undetermined.          |
| · Boiling point or initial boiling point and boiling range | Undetermined.          |
| · Flammability   | Not applicable.        |
| · Lower and upper explosion limit                          |                        |
| · Lower:   | 1.2 Vol %              |
| · Upper:   | 12.2 Vol %             |
| · Flash point:   | 93 °C                  |
| · Auto-ignition temperature:                               | 190 °C                 |
| · Decomposition temperature:                               | Not determined.        |
| · pH at 20 °C  | 10.2-10.6              |
| · Viscosity:   |                        |
| · Kinematic viscosity                                      | Not determined.        |
| · 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:   | Not determined.        |
| · Density and/or relative density                          |                        |
| · Density at 20 °C:  | 1.57 g/cm <sup>3</sup> |
| · Relative density   | Not determined.        |
| · Vapour density   | Not determined.        |

#### · 9.2 Other information

- |   |   |
|---|---|
| · Appearance:   |   |
| · Form:   | Pasty   |
| · Important information on protection of health and environment, and on safety. |   |
| · Ignition temperature:   | Product is not selfigniting.                  |
| · Explosive properties:   | Product does not present an explosion hazard. |
| · Solvent separation test:  |   |
| · VOC (EC) %  | 39.00 %                                       |
| · Change in condition   |   |
| · Drip point:   |   |
| · Oxidising properties  | Not determined.                               |
| · Evaporation rate  | Not determined.                               |

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- 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

### 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** Reacts with strong acids and 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.

· <b>LD/LC50 values relevant for classification:</b>		
<b>CAS: 141-43-5 2-aminoethanol</b>		
Oral	LD50	2,050 mg/kg (rat)

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Dermal	LD50	1,000 mg/kg (rabbit)
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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **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** Based on available data, the classification criteria are not met.
- **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**  
The product does not contain substances with endocrine disrupting properties.

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**· 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.

**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
15 01 02	plastic packaging
15 01 10*	packaging containing residues of or contaminated by hazardous substances

**· Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information****· 14.1 UN number or ID number**

· ADR, ADN, IMDG, IATA	Void
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**· 14.2 UN proper shipping name**

· ADR	UN-
· ADN, IMDG, IATA	Void

**· 14.3 Transport hazard class(es)**

· ADR	
· Class	- (-)
· Label	-
· ADN/R Class:	Void

**· IMDG, IATA**

· Class	Void
· Label	-

**· 14.4 Packing group**

· ADR, IMDG, IATA	Void
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**· 14.5 Environmental hazards:**

· Marine pollutant:	No
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- |   |                 |
|---|-----------------|
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <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**



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- **Signal word** Warning

- **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- **Precautionary statements**

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

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

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.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

- **Chemical safety assessment**

- **Named dangerous substances - ANNEX I**

Methanol

None of the ingredients is listed.

- **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.

- **REGULATION (EU) 2019/1148**

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

None of the ingredients is listed.

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**• Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

**• National regulations:****• Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

**• 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**

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

**• Contact:** sdb@ede.de**• Date of previous version:** 14.07.2025**• Version number of previous version:** 302**• 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)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

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