

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

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

- 1.1 Product identifier 600092
- Trade name: Paint Remover Spray E-COLL
- Article number: 4317784243629
- UFI: AAM0-STF4-AA0P-G3JA
- 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 Paint remover
- 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
  - Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
  - Eye Irrit. 2 H319 Causes serious eye irritation.
  - STOT SE 3 H336 May cause drowsiness or dizziness.

#### · 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



GHS02 GHS07

- Signal word Danger

(Contd. on page 2)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 1)

**Hazard-determining components of labelling:**

 propan-2-ol  
 butanone

**Hazard statements**

 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**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.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P405 Store locked up.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**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:**

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	20-40%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	propane ⚠ Flam. Gas 1A, H220 ⚠ Acute Tox. 1, H330 Press. Gas (Comp.), H280	10-40%

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 2)		
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane, pure ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-40%
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43-xxxx	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	10-20%

**· 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**

- After inhalation:** Supply fresh air.
- After skin contact:** Generally the product does not irritate the skin.
- After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor 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.**· Additional information** Cool endangered receptacles with water spray.

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 3)

### SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation

**· 6.2 Environmental precautions:** No special measures required.**· 6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.**· 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**

Open and handle receptacle with care.  
Use only in well ventilated areas.

**· Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Do not spray onto a naked flame or any incandescent material.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

**· 7.2 Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:**

Store in a cool location.  
Observe official regulations on storing packagings with pressurised containers.

**· 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.

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 4)

**SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:****CAS: 78-93-3 butanone**

IOELV	Short-term value: 900 mg/m <sup>3</sup> , 300 ppm
	Long-term value: 600 mg/m <sup>3</sup> , 200 ppm

**· DNELs****CAS: 67-63-0 propan-2-ol**

Inhalative	DNEL (worker)	500 mg/m <sup>3</sup> (Workers)
	DNEL (population)	89 mg/m <sup>3</sup> (cus)

**· Additional information:** The lists valid during the making were used as basis.**· 8.2 Exposure controls****· Appropriate engineering controls** No further data; see item 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.  
Avoid contact with the eyes.

**· Respiratory protection:** Not necessary if room is well-ventilated.**· Hand protection** Recommendation: 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.

**· Eye/face protection**

Tightly sealed goggles

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

Clear

**· Odour:**

Solvent-like

**· Odour threshold:**

Not determined.

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 5)

- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** Not applicable, as aerosol.
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 1.5 Vol %
- **Upper:** 12.0 Vol %
- **Flash point:** Not applicable, as aerosol.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Decomposition temperature:** Not determined.
- **pH** Not determined.
- **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:** 0.8 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.
  
- **9.2 Other information**
- **Appearance:**
- **Form:** Aerosol
- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** 420 °C
- **Explosive properties:** Not determined.
- **Solvent separation test:**
- **Organic solvents:** 100.0 %
- **VOC (EC) %** 100.00 %
- **Change in condition**
- **Softening point/range**
- **Oxidising properties** Not determined.
- **Evaporation rate** Not applicable.
  
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols**  
Extremely flammable aerosol. Pressurised container: May burst if heated.
  
- **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

(Contd. on page 7)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 6)

- 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 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:**

**CAS: 67-63-0 propan-2-ol**

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4h	30 ppm (rat)

**CAS: 74-98-6 propane**

Inhalative	LC50/4h	>20 mg/m <sup>3</sup> (rat)
------------	---------	-----------------------------

**CAS: 106-97-8 butane, pure**

Inhalative	LC50/4h	658 ppm (rat)
------------	---------	---------------

**CAS: 78-93-3 butanone**

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.

(Contd. on page 8)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 7)

- **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**  
May cause drowsiness or dizziness.
- **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:****CAS: 67-63-0 propan-2-ol**

EC50/24h &gt;10,000 mg/l (daphnia)

**CAS: 78-93-3 butanone**

LC50 2,993 mg/L (Lepomis macrochirus)

- **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.

EU

(Contd. on page 9)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 8)

**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**

16 05 04*	gases in pressure containers (including halons) containing hazardous substances
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information****14.1 UN number or ID number****ADR, IMDG, IATA** UN1950**14.2 UN proper shipping name****ADR** UN1950 AEROSOLS  
**IMDG, IATA** AEROSOLS**14.3 Transport hazard class(es)****ADR****Class** 2.5F Gases.  
**Label** 2.1**IMDG, IATA****Class** 2 Gases.  
**Label** 2.1**14.4 Packing group****ADR, IMDG, IATA** Void**14.5 Environmental hazards:****Marine pollutant:** No**14.6 Special precautions for user****Hazard identification number (Kemler code):** Warning: Gases.**Hazard identification number (Kemler code):** -**EMS Number:** F-D,S-U

(Contd. on page 10)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 9)

- **Stowage Code** SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
  - **Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre:  
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
For AEROSOLS with a capacity above 1 litre:  
Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.
  - **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
  - **Transport/Additional information:**
- 
- **ADR**
  - **Limited quantities (LQ)** 1L
  - **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity
  - **Transport category** 2
  - **Tunnel restriction code** D
- 
- **IMDG**
  - **Limited quantities (LQ)** 1L
  - **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity
  - **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

**SECTION 15: Regulatory information**

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**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**  
H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.

(Contd. on page 11)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 31.08.2021

Version number 304 (replaces version 303)

Revision: 31.08.2021

**Trade name: Paint Remover Spray E-COLL**

(Contd. of page 10)

H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.

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

· **Contact:** Head of Product Safety Department

· **Date of previous version:** 31.08.2021

· **Version number of previous version:** 303

· **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

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 1: Acute toxicity – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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

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