



Printing date 23.05.2025 Version number 307 (replaces version 306) Revision: 23.05.2025

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

· 1.1 Product identifier 600053

· Trade name: Insect Remover E-COLL

· Article number: 4317784305389, 4317784305396

· UFI: TN35-3V4V-S80A-8U4V

· 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 Dam. 1 H318 Causes serious eye damage.

- · 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 Danger

· Hazard-determining components of labelling:

grease alcohol ethoxylate Isotridecanol, ethoxyliert disodium metasilicate

Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

· Precautionary statements

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

P102 Keep out of reach of children. P264 Wash thoroughly after handling.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

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: 67254-71-1 EC number: 931-952-3	grease alcohol ethoxylate ♦ Eye Dam. 1, H318	2.5-10%
CAS: 69011-36-5	Ácute Tox. 4, H302 Isotridecanol, ethoxyliert	2.5-10%
Reg.nr.: 01-2119976362-32	Eye Dam. 1, H318Acute Tox. 4, H302	
CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8 Reg.nr.: 01-2119475104-44-0000	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	<2.5%
CAS: 6834-92-0 EINECS: 229-912-9 Index number: 014-010-00-8 Reg.nr.: 01-2119449811-37-xxxx	disodium metasilicate Met. Corr.1, H290; Skin Corr. 1B, H314 Acute Tox. 4, H302; STOT SE 3, H335	<2.5%





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CAS: 15763-76-5	Sodium p-cumenesulfonate	<2.5%
EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	(1) Eye Irrit. 2, H319	
CAS: 90194-45-9 EINECS: 290-656-6	Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	<2.5%
	 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315 	

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

5 % or over but less than 15 % non-ionic surfactants less than 5 % anionic surfactants perfumes d-Limonene more ingredients: silicates complexing substances solutiser Water-miscible solvents Fragrances and colourings

· 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: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- 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:

Dilute with plenty of water.

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

· 6.3 Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to section 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.

SECTION 7: Handling and storage

- · 7.1 Precautions for safe handling Prevent formation of aerosols.
- · 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:

Store only in the original receptacle.

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

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:		
CAS: 1	112-34-5 2-(2-butoxyethoxy)ethanol	
IOELV	Short-term value: 101.2 mg/m³, 15 ppm	
	Long-term value: 67.5 mg/m³, 10 ppm	

· DNELs

CAS: 112-34-5 2-(2-butoxyethoxy)etha

	, , , , , , , , , , , , , , , , , , , ,	
Oral	DNEL (populution)	1.25 mg/kg bw/day (cus)
Dermal	DNEL (worker)	20 mg/kg bw/day (professional use)
	DNEL (population)	10 mg/kg bw/day (cus)
Inhalative	Long term value for employees	34 mg/m³ (cus)
		67.5 mg/m³ (professional use)
	DNEL (worker)	67.5 mg/m³ (professional use)
	DNEL (population)	34 mg/m³ (cus)
CAS: 15763-76-5 Sodium p-cumenesulfonate		
Oral	DNEL Langzeitwert Verbraucher	3.8 mg/kg/d (cus)
	DNEL (populution)	3.8 mg/kg bw/day (cus)
Dermal	Long term value for employees	3.8 mg/kg bw/Tag (cus)
	DNEL (worker)	7.6 mg/kg bw/day (professional use)

3.8 mg/kg bw/day (cus)

53.6 mg/m³ (professional use)

· PNECs

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

DNEL (population)

PNEC-Aquatic compartment Water 0.1 mg/L (Sea Water)

PNEC-Sewage treatment plant 200 mg/L (S)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls

Inhalative DNEL (worker)

- · 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. Avoid contact with the eyes.

- · Respiratory protection: Not necessary if room is well-ventilated.
- · Hand protection Not required.
- · Material of gloves Butyl rubber, BR





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Nitrile rubber, NBR

Recommended thickness of the material: ≥ 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: Impervious protective clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Colour:
Odour:
Odour threshold:
Melting point/freezing point:

Yellow
Specific type
Not determined.
Undetermined.

 \cdot Boiling point or initial boiling point and boiling

range > 100 °C
⋅ Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Decomposition temperature: Not determined.

· pH at 20 °C 11.4

· 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 at 20 °C: 23 (7732-18-5 Wasser) hPa

Density and/or relative density

Density at 20 °C:
 Relative density
 Vapour density
 Not determined.
 Not determined.

· 9.2 Other information

· Appearance:

· Form: Fluid

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· 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:

Organic solvents: 1.8 %
 Water: 80.5 %
 VOC (EC) g/I 18.6
 VOCV (CH) 1.77 %

· Change in condition

· Drip point:

Oxidising propertiesEvaporation rateNot determined.Not determined.

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.

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• 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	⁷ 254-7	1-1 grease alcohol ethoxylate
Oral	LD50	>300-2,000 mg/kg (rat)
CAS: 69011-36-5 Isotridecanol, ethoxyliert		
Oral	LD50	500-2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
		5 2-(2-butoxyethoxy)ethanol
Oral	LD50	4,900 mg/kg (rat)
Dermal	LD50	4,900 mg/kg (rabbit)
CAS: 68	34-92	-0 disodium metasilicate
Oral	LD50	1,280 mg/kg (rat)
CAS: 15	763-7	6-5 Sodium p-cumenesulfonate
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
		5-9 Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts
Oral	LD50	1,086-1,980 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

- · Primary irritant effect:
- · Skin corrosion/irritation

Causes skin irritation.

· Serious eye damage/irritation

Causes serious eye damage.

- · 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.
- $\cdot \, \textbf{STOT-single exposure} \, \, \textbf{Based on available data}, \, \textbf{the classification criteria are not met}.$
- · 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.

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

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic to	· Aquatic toxicity:		
CAS: 672	CAS: 67254-71-1 grease alcohol ethoxylate		
	LC50 (96h)	>1-10 mg/L (Cyprinus carpio)	
	EC50 (48h)	>1-10 mg/L (Daphnia magna)	
	EC50/72h	>1-10 mg/l (Desmodesmus subspicatus)	
CAS: 690 ⁻	CAS: 69011-36-5 Isotridecanol, ethoxyliert		
	LC50 (96h)	1-10 mg/L (Cyprinus carpio)	
	EC50 (48h)	1-10 mg/L (Daphnia magna)	
CAS: 112-	CAS: 112-34-5 2-(2-butoxyethoxy)ethanol		
Inhalative	LC50	>100 mg/L (crustacean)	
	LC50 akut (96h)	1,300 mg/L (Lepomis macrochirus)	
	LC50 akut	>100 mg/L (Brachydanio rerio)	
	EC50	>100 mg/l (Desmodesmus subspicatus)	
CAS: 1570	CAS: 15763-76-5 Sodium p-cumenesulfonate		
	EC50 (48h)	>100 mg/L (Daphnia magna)	
	EC50/72h	>100 mg/l (Desmodesmus subspicatus)	
CAS: 9019	CAS: 90194-45-9 Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts		
	LC50 (96h)	1-10 mg/L (Lepomis macrochirus)	
	EC50 (48h)	1-10 mg/L (Daphnia magna)	
	EC50/72h	1-10 mg/l (algae)	

- 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:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The contained organic complexing agents reach a DOC-elimination grade of 80% (corresponding to No. 406 of Annex "Analytic and measuring methods") and with this meet the tightened demands of Annex 49 of the revised Direction on ligid waste.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

Water hazard class 2 (German Regulation) (Self-assessment): 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.

Do not allow to enter drains or water courses. Dispose of in accordance with official regulations. Must not be disposed of together with household waste.

Uncleaned packaging:

Recommendation: empty packaging: After optimal emptying, return to the supplier immediately, tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging! Other containers: Empty completely and clean for reconditioning or reprocessing.

· European waste catalogue

20 01 29* detergents containing 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

· 14.2 UN proper shipping name

· ADR UN-· ADN, IMDG, IATA Void

· 14.3 Transport hazard class(es)

· ADR

· Class Void · Label -· ADN/R Class: Void

Void (Contd. on page 11)





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· 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": UN-, -

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



GHS05

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

grease alcohol ethoxylate

Isotridecanol, ethoxyliert

disodium metasilicate

Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

· Precautionary statements

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

P102 Keep out of reach of children. P264 Wash thoroughly after handling.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

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

regulations.

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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• 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.

· 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 juveniles must be observed.

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

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

· Department issuing SDS: Product safety department

· Contact: Head of Product Safety Department

· Date of previous version: 15.07.2022

· Version number of previous version: 306

· 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)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent





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LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Met. Corr.1: Corrosive to metals – Category 1 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

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

· * Data compared to the previous version altered.

EU -