

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

Printing date 15.07.2022


Version number 305 (replaces version 304)

Revision: 15.07.2022

**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
- **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:** 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**  
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**  
  
GHS05
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
grease alcohol ethoxylate  
Isotridecanol, ethoxyliert  
disodium metasilicate

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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:**

EC number: 931-952-3	grease alcohol ethoxylate ☠ Eye Dam. 1, H318 ☠ Acute Tox. 4, H302	2.5-10%
CAS: 69011-36-5 Reg.nr.: 01-2119976362-32	Isotridecanol, ethoxylert ☠ Eye Dam. 1, H318 ☠ Acute Tox. 4, H302	2.5-10%
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%
CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	Sodium p-cumenesulfonate ☠ Eye Irrit. 2, H319	<2.5%
CAS: 90194-45-9	Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts ☠ Eye Dam. 1, H318 ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315	<2.5%

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**· 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  
NTA (nitrilotriacetic acid) and sa  
perfumes  
Amyl Cinnamal  
Limonene

**· 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.**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.

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- **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 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.

**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.
- **Storage class:** -
- **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:****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

IOELV	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm
	Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm

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

Oral	DNEL (population)	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/m <sup>3</sup> (cus)
		67.5 mg/m <sup>3</sup> (professional use)
	DNEL (worker)	67.5 mg/m <sup>3</sup> (professional use)
	DNEL (population)	34 mg/m <sup>3</sup> (cus)

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**CAS: 15763-76-5 Sodium p-cumenesulfonate**

Oral	DNEL Langzeitwert Verbraucher	3.8 mg/kg/d (cus)
	DNEL (population)	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)
	DNEL (population)	3.8 mg/kg bw/day (cus)
Inhalative	DNEL (worker)	53.6 mg/m <sup>3</sup> (professional use)

**· PNECs****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

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**

· **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.  
Avoid contact with the eyes.

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

· **Hand protection** Not required.

**· Material of gloves**

Butyl rubber, BR  
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

· **Body protection:** Impervious protective clothing

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

· **Colour:**

Yellow

· **Odour:**

Specific type

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· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	> 100 °C
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH at 20 °C</b>	11.4
· <b>Viscosity:</b>	
· <b>Kinematic viscosity at 20 °C</b>	5 mm <sup>2</sup> /s
· <b>Kinematic: 23 °C - 4 mm (ISO 2431)</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Fully miscible.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	1.05 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Solvent separation test:</b>	
· <b>Organic solvents:</b>	2.4 %
· <b>VOC (EC) g/l</b>	
· <b>Solids content:</b>	7.4 %
· <b>Change in condition</b>	
· <b>Softening point/range</b>	
· <b>Oxidising properties</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void

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- **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>grease alcohol ethoxylate</b>		
Oral	LD50	>300-2,000 mg/kg (rat)
<b>CAS: 69011-36-5 Isotridecanol, ethoxyliert</b>		
Oral	LD50	500-2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
<b>CAS: 112-34-5 2-(2-butoxyethoxy)ethanol</b>		
Oral	LD50	4,900 mg/kg (rat)
Dermal	LD50	4,900 mg/kg (rabbit)
<b>CAS: 6834-92-0 disodium metasilicate</b>		
Oral	LD50	1,280 mg/kg (rat)
<b>CAS: 15763-76-5 Sodium p-cumenesulfonate</b>		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
<b>CAS: 90194-45-9 Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts</b>		
Oral	LD50	1,086-1,980 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

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- **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.
- **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**

· <b>Endocrine disrupting properties</b>
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None of the ingredients is listed.
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### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

<b>grease alcohol ethoxylate</b>		
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	LC50 (96h)	>1-10 mg/L (Cyprinus carpio)
	EC50 (48h)	>1-10 mg/L (Daphnia magna)
	EC50/72h	>1-10 mg/l (Desmodesmus subspicatus)

<b>CAS: 69011-36-5 Isotridecanol, ethoxyliert</b>		
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	LC50 (96h)	1-10 mg/L (Cyprinus carpio)
	EC50 (48h)	1-10 mg/L (Daphnia magna)

<b>CAS: 112-34-5 2-(2-butoxyethoxy)ethanol</b>		
--	--	--

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)

<b>CAS: 15763-76-5 Sodium p-cumenesulfonate</b>		
---	--	--

	EC50 (48h)	>100 mg/L (Daphnia magna)
	EC50/72h	>100 mg/l (Desmodesmus subspicatus)

<b>CAS: 90194-45-9 Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts</b>		
--	--	--

	LC50 (96h)	1-10 mg/L (Lepomis macrochirus)
	EC50 (48h)	1-10 mg/L (Daphnia magna)
	EC50/72h	1-10 mg/l (algae)

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- **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:**

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 Directive on liquid 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.
  - **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

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**· 14.3 Transport hazard class(es)**

- ADR
- Class Void
- Label -
- ADN/R 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 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.

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. of page 10)

· **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**

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:** 304

**· 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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
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.**