



# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 05.08.2019

revision 02.10.2018 (GB) Version 9.0

## Electro Contact Cleaner

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

#### 1.1. Product identifier

**Name of product** Electro Contact Cleaner  
Code-Nr. 152120

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Recommended intended purpose(s)

Technical Liquids

#### 1.3. Details of the supplier of the safety data sheet

##### Distributor

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster  
Phone : +49(0)251 / 9322 - 0, Fax : +49(0)251 / 9322 - 244  
E-Mail : msds@weicon.de  
Internet : www.weicon.de

##### Advice

Produktsicherheit / Product-Safety-Department  
Phone : +49(0)251 / 9322 - 0  
Fax : +49(0)251 / 9322 - 244  
E-mail (competent person):  
msds@weicon.de

#### 1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:  
++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South  
Africa (24h): Tel: ++44 1865 407333 (English)

##### Manufacturer

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster

#### 1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):  
Tel: ++49 69 222 25285 (Deutsch, Englisch)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Flam. Liq. 2	H225
Skin Irrit. 2	H315
STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

##### Hazard Statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

- H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07



GHS08



GHS09

### Signal word

Danger

### Hazard Statements

- H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary Statements

- P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P240 Ground/bond container and receiving equipment.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing vapours/spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/eye protection.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing.  
P370 + P378 In case of fire: Use foam for extinction.  
P391 Collect spillage.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to hazardous or special waste collection point.

### ! Hazardous ingredients for labeling

Naphtha (petroleum), hydrotreated light

### Special rules for supplemental label elements for certain mixtures

Contains (R)-(+)-Limonene . May produce an allergic reaction.

**2.3. Other hazards**

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

Product has an anesthetic effect.

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**! SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Compound

**! Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
67-63-0	200-661-7	propan-2-ol	0,1 < 1	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene	<= 0,1	Flam. Liq. 3, H226 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Acute 1, H400 M=1 / Aquatic Chronic 1, H410 M=1
64-17-5	200-578-6	ethanol	2,5 < 10	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 M=C>50%
64742-49-0	921-024-6	Naphtha (petroleum), hydrotreated light	75 < 100	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336

**REACH**

CAS No	Name	REACH registration number
67-63-0	propan-2-ol	01-2119457558-25
5989-27-5	(R)-p-mentha-1,8-diene	01-2119529223-47
64-17-5	ethanol	01-2119457610-43
64742-49-0	Naphtha (petroleum), hydrotreated light	01-2119475514-35

**! Labelling for contents according to regulation (EC) No 648/2004, annex VII**

less than 5 % scents

30 % and more aliphatic hydrocarbons

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off with water.

Consult a doctor if skin irritation persists.



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**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

If swallowed or in case of vomiting, danger of infiltration into the lungs (danger of aspiration).

Do not induce vomiting.

Call for a doctor immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

**Physician's information / possible symptoms**

Unconsciousness

Coughing

Respiratory complaints

Headache

Confusion

skin irritation

**4.3. Indication of any immediate medical attention and special treatment needed**

**Treatment (Advice to doctor)**

If swallowed or in the event of vomiting, risk of entering the lungs.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam

Dry powder

Carbon dioxide

water mist

**Unsuitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

**Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Use breathing apparatus if exposed to vapours/dust/aerosol.



### 6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.

Do not discharge into the drains or bodies of water..

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

### 6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Ventilate area concerned

After taking up the material dispose according to regulation.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

## ! SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid formation of aerosols.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Open and handle container with care!

#### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Ensure sufficient ventilation.

#### Hygiene measures

At work do not eat, drink, smoke or take drugs.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

The product is combustible.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

Avoid effect of heat.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep in closed original container.

Ventilate store-rooms thoroughly.

#### Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

#### Further information on storage conditions

Store at +5 till +25 °C.

Keep container tightly closed and store at cool and aired place.

Protect from heat and direct solar radiation.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

**! SECTION 8: Exposure controls/personal protection****8.1. Control parameters****! Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
64-17-5	ethanol	8 hours	1920	1000	EH40/2005
67-63-0	propan-2-ol	8 hours	999	400	EH40/2005
		Short-term	1250	500	
67-63-0	Propan-2-ol (CH)	MAK, 8 hours	500	200	Auge, OAW, ZNS,
		Short-term	1000	400	Leber, Methode: INRS, NIOSH
64-17-5	Ethanol (CH)	MAK, 8 hours	960	500	OAW, Formal,
		Short-term	1920	1000	Methode: INRS, NIOSH

**DNEL-/PNEC-values****DNEL worker**

CAS No	Substance name	Value	Code	Remark
64-17-5	ethanol	343 mg/kg	DNEL long-term dermal (systemic)	
		1900 mg/m3	DNEL acute inhalative (local)	
		950 mg/m3	DNEL long-term inhalative (systemic)	
64742-49-0	Naphtha (petroleum), hydrotreated light	2038 mg/m3	DNEL long-term inhalative (systemic)	
		773 mg/kg	DNEL long-term dermal (systemic)	
67-63-0	propan-2-ol	500 mg/m3	DNEL long-term inhalative (systemic)	
		888 mg/kg bw/day	DNEL long-term dermal (systemic)	

**! Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

Breathing apparatus in the event of aerosol or mist formation.

Short-term: filter apparatus, filter AX/P2, otherwise environment-independent breathing apparatus.

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

Sufficient ventilation and exhaustion.

**! SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

liquid

**Colour**

colourless, clear

**Odour**

solvent-like

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>boiling range</b>	78 °C				
<b>melting point</b>	not determined				
<b>Flash point</b>	-9 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	0,8 Vol-%				
<b>Upper explosion limit</b>	15 Vol-%				
<b>Vapour pressure</b>	573 hPa	20 °C			
<b>Relative density</b>	0,71 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					No or low immiscibility
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	not determined				
<b>Viscosity kinematic</b>	not determined				
<b>Solvent content</b>	100 %				

**Oxidising properties**

No information available.

**Explosive properties**

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known.

**10.4. Conditions to avoid**

Keep away from heat.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

**Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5840 mg/kg	rat		EG: 921-024-6
<b>LD50 acute dermal</b>	> 2920 mg/kg	rabbit		EG: 921-024-6
<b>LC50 acute inhalation</b>	> 25 mg/l (4 h)	rat		EG: 921-024-6
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	low irritant - no labeling duty			
<b>Skin sensitization</b>	non-sensitizing			

**Subacute Toxicity - Carcinogenicity**





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## Electro Contact Cleaner

Value	Species	Method	Validation
<b>Mutagenicity</b>			No experimental information on genotoxicity in vitro available.
<b>Reproduction-Toxicity</b>			No indications of toxic effects were observed in reproduction studies in animals.
<b>Carcinogenicity</b>			No indications of carcinogenic effects are available from long-term trials.
<b>Specific target organ toxicity (single exposure)</b> May cause drowsiness or dizziness.			
<b>Aspiration hazard</b> May be fatal if swallowed and enters airways.			
<b>Experiences made from practice</b> Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation. Irritates mucous membranes. Inhalation causes narcotic effect/intoxication.			
<b>Additional information</b> The product is to be handled with the caution usual with chemicals. Other hazardous properties may not be excluded. The product has not been tested. The information is derived from the properties of the individual components.			

## ! SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LL/EL/IL50 11,4 mg/l (96 h)	Oncorhynchus mykiss		EG: 921-024-6
<b>Daphnia</b>	NOEC 0,17 mg/l (21 d)	Daphnia magna		EG: 921-024-6
<b>Algae</b>	NOELR 3 mg/l (72 h)	Pseudokirchneriella subcapitata		EG: 921-024-6

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

#### General regulation

Toxic to aquatic life, fishes and plankton.

Even in the event of low quantities penetration into the underground drinking water is contaminated.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.



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**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Recommendations for the product**

Remove in accordance with local official regulations.

Dispose of as hazardous waste.

**Recommendations for packaging**

Dispose of according to the local waste regulations.

**General information**

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

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**! SECTION 14: Transport information**

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA-DGR</b>
<b>14.1. UN number</b>	1993	1993	1993
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. S. (Naphtha (petroleum))	FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum))	Flammable liquid, n.o.s. (Naphtha (petroleum))
<b>14.3. Transport hazard class(es)</b>	3	3	3
<b>14.4. Packing group</b>	II	II	II
<b>14.5. Environmental hazards</b>	Yes	Yes	Yes

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

**Land and inland navigation transport ADR/RID**

Hazard label(s) 3

tunnel restriction code D/E

Special provisions 640C

Classification code F1

**Marine transport IMDG**

MARINE POLLUTANT

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**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****! VOC standard****VOC content** 98,98 %**VOC value** ca.709 g/L**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.



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## ! SECTION 16: Other information

### ! Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

### Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Danish MAL-code: 5-3

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.6

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.