

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.03.2021

Version: 4

Revision: 10.03.2021

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

- **1.1 Product identifier**
- **Trade name:** Counterbact
- **Article number:** 04940001
- **UFI:** M4AA-R713-WF08-C27A
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Process category** PROC7 Industrial spraying
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Manufacturer:

ZEP UK Ltd
 Tanhouse Lane
 Widnes Cheshire, WA8 0RD
 United Kingdom
 Tel: +44 (0)151 422 1000
 Fax: +44 (0)151 422 1011
 @: info@zep.co.uk
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EU Legal entity:

ZEP Industries BV
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 Tel: (NL) + 31 164 250 100 (B) + 32 2 347 0117
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ZEP ITALIA SRL
 Piazzale Luigi Cadorna, 2 - Milano - (MI)
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 Sito: www.zep.it

- **Further information obtainable from:**
 Customer Service
 NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
 B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
 IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61
 UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011
- **1.4 Emergency telephone number:** NHS +44 0845 46 47 (England or Wales); +44 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- Acute Tox. 4 H302 Harmful if swallowed.
- Skin Corr. 1B H314 Causes severe skin burns and eye damage.
- Eye Dam. 1 H318 Causes serious eye damage.
- Aquatic Acute 1 H400 Very toxic to aquatic life.
- Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

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Hazard pictograms

GHS05

GHS07

GHS09

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

Alcohols, C9-11, ethoxylated
Benzyl-C12-16-alkyldimethyl, chlorides

Hazard statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe vapours.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains Citral, (R)-p-mentha-1,8-diene, 3,7-Dimethyl-1,6-octadien-3-ol, Citronellal, Geraniol, Terpeneol. May produce an allergic reaction.

2.3 Other hazards The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.**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: 68439-46-3 EC number: 614-482-0	Alcohols, C9-11, ethoxylated Eye Dam. 1, H318 Acute Tox. 4, H302	10-25%
CAS: 68424-85-1 EINECS: 270-325-2 Index number: 612-131-00-6 Reg.nr.: 01-2119983287-23-xxxx	Benzyl-C12-16-alkyldimethyl, chlorides Skin Corr. 1B, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302	5-10%
CAS: 5392-40-5 EINECS: 226-394-6 Index number: 605-019-00-3 Reg.nr.: 01-2119462829-23-xxxx	Citral Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0.1-<1%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7 Reg.nr.: 01-2119529223-47-xxxx	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.25-<1%
	3,7-Dimethyl-1,6-octadien-3-ol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 106-23-0 EINECS: 203-376-6 Reg.nr.: 01-2119474900-37-xxxx	Citronellal Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.25-<1%
CAS: 106-24-1 EINECS: 203-377-1 Reg.nr.: 01-2119552430-49-xxxx	Geraniol Eye Dam. 1, H318 Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<1%

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CAS: 8000-41-7

Terpineol

≥0.1 - <0.25%

EINECS: 232-268-1

 Aquatic Chronic 2, H411

Reg.nr.: 01-2119553062-49-0009

 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317

· **Additional information: Ingredients according to Detergents Regulation 648/2004/EC**

For the wording of the listed hazard phrases refer to section 16.

Nonionic surfactants

≥15 - <30%

Disinfectants, Perfumes (CITRAL, LIMONENE, LINALOOL, GERANIOL)

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

· **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:** Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture** During heating or in case of fire poisonous gases are produced.

· 5.3 Advice for firefighters

· **Protective equipment:** Mount respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

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

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:** Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

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· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**· **Additional information about design of technical facilities:** No further data; see item 7.· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs****CAS: 5989-27-5 (R)-p-mentha-1,8-diene**

Oral	DNEL Long term-systemic	4.8 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	4.8 mg/kg human/day (consumer)
		9.5 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m3	16.6 mg/m3 (consumer)
		66.7 mg/m3 (worker)

· **PNECs****CAS: 5989-27-5 (R)-p-mentha-1,8-diene**

PNEC Freshwater mg/L	14 mg/L
PNEC Marinewater µg/L	1.4 µg/L
PNEC Freshwater sediment	3.85 mg/Kg
PNEC Marine water sediment	3.85 mg/Kg
PNEC Sewage treatment Plant mg/L	1.8 mg/L

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.· **Protection of hands:**

Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **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.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Not suitable are gloves made of the following materials:** Strong material gloves· **Eye protection:**

Tightly sealed goggles

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Liquid

Colour: Yellow-brown

· Odour: Citrus

· Odour threshold: Not determined.

· pH-value at 20 °C: 9

· Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 100 °C

· Flash point: Not applicable.

· Flammability (solid, gas): Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.
Not determined.

· Explosion limits:

Lower: Not determined.

Upper: Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C: 1.006 g/cm³

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with
water:

Fully miscible.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

· Solvent content:

Organic solvents: 3.9 %

EU-VOC: 20.0 g/l

EU-VOC: 0.62 %

Swiss VOC: 0.62 %

Solids content: 1.9 %

· 9.2 Other information: No further relevant information available.

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: No dangerous reactions known.

· 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.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed.

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 1,810 mg/kg (Rat)

Dermal LD50 12,500 mg/kg

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

Oral LD50 500 mg/kg (Rat)

Dermal LD50 2,000 mg/kg (Rat)

CAS: 68424-85-1 Benzyl-C12-16-alkyldimethyl, chlorides

Oral LD50 344 mg/kg (Rat)

Dermal LD50 3,340 mg/kg (Rabbit)

CAS: 5392-40-5 Citral

Oral LD50 4,960 mg/kg (Rat)

Dermal LD50 >2,000 mg/kg (Rat)

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

Oral LD50 4,400 mg/kg (Rat)

Dermal LD50 >5,000 mg/kg (Rat)

>2,000 mg/kg (Rabbit)

EC50 34.1 mg/ltr (Daphnia magna (water flea))

3,7-Dimethyl-1,6-octadien-3-ol

Oral LD50 2,790 mg/kg (Rat)

Dermal LD50 5,610 mg/kg (Rabbit)

CAS: 106-23-0 Citronellal

Oral LD50 2,420 mg/kg (Rat)

Dermal LD50 >2,500 mg/kg (Rabbit)

CAS: 8000-41-7 Terpineol

Oral LD50 >5,000 mg/kg (Rat)

Dermal LD50 >5,000 mg/kg (Rabbit)

Primary irritant effect:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Additional toxicological information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

LC50 / 96 h 5-7 mg/ltr (fish)

EC 50 / 48 h 2.5 mg/ltr (Daphnia magna (water flea))

EC 50 / 72 H 1.4 /mg/l (Selenastrum capricornutum (Algae))

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CAS: 68424-85-1 Benzyl-C12-16-alkyldimethyl, chlorides

LC50 / 96 h	0.515 mg/ltr (Lepomus gobbosus (Zonnebaars)) 0.93 mg/ltr (Oncorhynchus mykiss (Rainbow trout)) 0.28 mg/ltr (Pimephales promelas)
EC 50 / 48 h	0.016 mg/ltr (Daphnia magna (water flea))
OECD test 301 B	95.5 (biodegradation in % after 28 days)
OECD test 301 D	>60 (biodegradation in % after 28 days)

CAS: 5392-40-5 Citral

EC 50 / 48 h	7 mg/ltr (Daphnia magna (water flea))
COD	2,530 (mg O ₂ / g product)

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

LC50 / 96 h	0.72 mg/ltr (fish)
EC 50 / 72 H	0.688 /mg/L (Selenastrum capricornutum (Algae))
OECD test 301 D	>92 (biodegradation in % after 28 days)

CAS: 8000-41-7 Terpineol

OECD test 301 D	>90 (biodegradation in % after 28 days)
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- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** The product is biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Very toxic for fish
Toxic for fish
- **Additional ecological information:**
- **General notes:**
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Also poisonous for fish and plankton in water bodies.
In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %
Very toxic for aquatic organisms
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Toxic for aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations

· **European waste catalogue**

HP8	Corrosive
HP14	Ecotoxic

- **Uncleaned packaging:**
- **Recommendation:** Disposal in accordance with administrative provisions

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN1760

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· 14.2 UN proper shipping name**· ADR****· IMDG****· IATA**

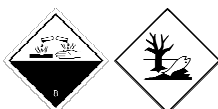
1760 CORROSIVE LIQUID, N.O.S. (Benzyl-C12-16-alkyldimethyl, chlorides), ENVIRONMENTALLY HAZARDOUS CORROSIVE LIQUID, N.O.S. (Benzyl-C12-16-alkyldimethyl, chlorides, (R)-p-mentha-1,8-diene), MARINE POLLUTANT CORROSIVE LIQUID, N.O.S. (Benzyl-C12-16-alkyldimethyl, chlorides)

· 14.3 Transport hazard class(es)**· ADR****· Class**

8 (C9) Corrosive substances.

· Label

8

· IMDG**· Class**

8 Corrosive substances.

· Label

8

· IATA**· Class**

8 Corrosive substances.

· Label

8

· 14.4 Packing group**· ADR, IMDG, IATA**

III

· 14.5 Environmental hazards:**· Marine pollutant:**

Product contains environmentally hazardous substances: Benzyl-C12-16-alkyldimethyl, chlorides, (R)-p-mentha-1,8-diene

Yes

· Special marking (ADR):

Symbol (fish and tree)

Symbol (fish and tree)

· 14.6 Special precautions for user

Warning: Corrosive substances.

· Hazard identification number (Kemler code):

80

· EMS Number:

F-A,S-B

· Stowage Category

A

· Stowage Code

SW2 Clear of living quarters.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

· Transport/Additional information:**· ADR****· Limited quantities (LQ)**

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· Transport category

3

· Tunnel restriction code

E

· IMDG**· Limited quantities (LQ)**

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· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":

UN 1760 CORROSIVE LIQUID, N.O.S. (BENZYL-Cl2-16-ALKYLDIMETHYL, CHLORIDES), 8, III, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information**· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Reg. (EC) n. 1272/2008 - CLP;

Reg. (EC) n. 2015/830 annex II of REACH;

Dir. 06/08 ADR – RID - IMDG - IATA;

Dir. 12/18 (Seveso III);

Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)

· Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.**· Hazard pictograms**

GHS05



GHS07



GHS09

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

Alcohols, C9-11, ethoxylated

Benzyl-Cl2-16-alkyldimethyl, chlorides

· Hazard statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P260 Do not breathe vapours.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

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

· Directive 2012/18/EU**· Named dangerous substances - ANNEX I** None of the ingredients is listed.**· Seveso category** E1 Hazardous to the Aquatic Environment**· Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t**· Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t**· 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.

· National regulations:**· Technical instructions (air):**

Class	Share in %
NK	0.6

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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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**

H226 Flammable liquid and vapour.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 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.

· **Department issuing SDS:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
 B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
 IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61
 UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **Contact:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
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 UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **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)
 VOC: Volatile Organic Compounds (USA, EU)
 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
 WELL: The highest acceptable concentration
 IOELV: Indicative occupational exposure limit values
 Flam. Liq. 3: Flammable liquids – Category 3
 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
 Skin Sens. 1: Skin sensitisation – Category 1
 Skin Sens. 1B: Skin sensitisation – Category 1B
 Asp. Tox. 1: Aspiration hazard – Category 1
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

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Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.03.2021

Version: 4

Revision: 10.03.2021

Trade name: Counterbact

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Annex: Exposure scenario

- **Short title of the exposure scenario**
For the finished product.
Counterbact
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Process category** PROC7 Industrial spraying
- **Description of the activities / processes covered in the Exposure Scenario** See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Used amount per time or activity** According to directions for use.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** Use only on hard ground.
- **Other operational conditions affecting worker exposure**
Avoid contact with eyes.
Avoid contact with the skin.
Avoid long-term or repeated skin contact.
- **Other operational conditions affecting consumer exposure** No special measures required.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures**
Use product only in enclosed systems.
Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
Do not inhale gases / fumes / aerosols.
Avoid contact with the skin.
Avoid contact with the eyes.
Tightly sealed goggles
Protective gloves
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water**
Do not allow to reach sewage system.
Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.
- **Soil** Prevent contamination of soil.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

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