
SAFETY DATA SHEET

According to Regulation (EC) No. 1272/2008 & OSHA Hazcom (29 CFR 1910.1200) 2012

Version 3 Revision Date 20.06.2020

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Generic EU, US, AU & NZ – No country specific data – no OEL data

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY / UNDERTAKING

1.1 Product Identifier

Product Name: Cyber Clean Professional

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

Usage of the substance / mixture: Surface disinfectant

1.3 Details of the supplier of the safety data sheet

Manufacturer: JOKER AG/SA
Industriezone
CH-3210 Kerzers Switzerland
Tel: +41 31 7505252
Fax: +41 31 7505250
E-mail: cyberclean@jokerag.com

Company: Cyber Clean Europe GmbH
Enzianstraße 6
D-82319 Starnberg
Germany
Tel: +49 8151 919034 - 0
Fax: +49 8151 919034 – 9
Homepage: www.cyberclean.net
E-Mail: cyberclean@jokerag.com

1.4 Emergency telephone number

JOKER AG/SA: +41 31 750 5252 (Mon - Fri 08 – 18h)

National toxicological center of Switzerland: +41 44 251 51 5

ORFILA (INRS): +33 1 45 42 59 59

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Hazard Classifications

Not classified as hazardous according to CLP

Additional information

Not applicable

2.2 Label Elements

Hazard Pictogram

No hazard pictogram

Signal Word

No signal word

Hazard Statements

No hazard statements

Precautionary statements

No precautionary statements

Biocide (528/2012/CE) contains:

30 g/100g Ethanol

0.45 g/100g Benzalkonium Chloride

0.45 g/100g Didecyl dimethyl ammonium chloride

2.3 Other hazards

Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

CAS-No.	EC-No.	BPR Article 95 Registration	Classification	Concentration
Ethanol, denatured according to TSDA 1 and SD 40-B				
64-17-5	200-578-6	Brenntag	Flam. Liq. 2, H225 Eye Irrit. 2, H319	30%
Phenoxyethanol				
122-99-6	204-589-7	-	Acute Tox. 4, H302 Eye Irrit. 2, H319	0.1 - 1%
Didecyldimethylammonium chloride				
7173-51-5	230-525-2	STEPAN EUROPE	Acute Tox. 4, H302 Skin Corr. 1B, H314	≤ 0.45%
Quarternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides				
68391-01-5	269-919-4	STEPAN EUROPE	Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400	≤ 0.45%
Boric Acid				
10043-35-3	233-139-2	-	Repr. 1B, H360FD	0.1 - 1%
Diazolidinylurea				
78491-02-8	278-928-2	-	Eye Irrit. 2, H319	0.1 - 1%
Methyl 4-hydroxybenzoate				
99-76-3	202-785-7	-	Aquatic Chronic 2, H411	0.1 - 1%
Propyl 4-hydroxybenzoate				
94-13-3	202-307-7	-	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	0.1 - 1%
Disodium tetraborate				
1330-43-4	215-540-4	-	Repr. 1B, H360FD	0.1 - 1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. If irritation persists, seek medical assistance.

Ingestion: If symptoms persist, seek medical assistance.

Notes to physician: Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Section 5.1 Extinguishing media

If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, dry agent (carbon dioxide, dry chemical powder).

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

No special measures required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 Personal precautions and protective equipment

Not required.

6.1.2 Emergency procedures

No special procedures required.

6.2 Environmental precautions

Do not allow product to enter land or surface water drains.

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to Section 8 and section 13 for more details.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Protect from exposure to direct sunlight. Store at room temperature.

7.3 Specific end use(s)

Use only as directed on the container or label.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

(Ethanol)

OES: 1000ppm, 1920 mg/m³, 8 hrs

DNEL:

Industrial, inhalative (vapor), Long Term – systemic effects: 950 mg/m³

Industrial, dermal, Long Term – systemic effects: 343 mg/kg bw/d

General population, inhalative (vapor), Long Term – Systemic effects: 114 mg/m³

General population, dermal, Long Term – systemic effects: 206 mg/kg bw/d

General population, oral, Long Term – systemic effects: 87 mg/kg bw/d

PNEC:

Soil: 0.63 mg/kg

Sediment (freshwater): 3.6 mg/kg

Seawater: 0.79 mg/l

Freshwater: 0.96 mg/l

Oral (food): 0.38 g/kg

Sediment (seawater): 2.9 mg/kg
Sewage treatment plants (STP): 580 mg/l

8.2 Exposure Controls

Do not eat, drink or smoke whilst working and wash hands after use.

Exposure Controls - Eyes: Safety classes (EN 166:2001)

Exposure Controls – Hand: >0.4 mm; Butyl rubber, >480 min (EN 374-1/-2/-3)

The details concerned are recommendations. Please contact the glove supplier for further information.

Exposure Controls - Skin: Light protective clothing

Exposure Controls – Respiratory: If workplace limit values are exceeded or there is insufficient ventilation: Short term: filter apparatus, filter A. (DIN EN 14387)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form: Solid

Colour: White

Odour: characteristic odour

Odour threshold: not available

pH: 6 - 8

Melting point: undetermined

Boiling point: undetermined

Flash point: Not flammable

Evaporation rate: undetermined

Flammability: Not flammable

Upper/lower flammability or explosive limits: Not flammable

Vapour pressure: 23 hPa

Relative density: 1.0

Solubility: Insoluble in water

Partition coefficient: undetermined

Auto-ignition temperature: undetermined

Decomposition temperature: undetermined

Viscosity: undetermined

Explosive properties: no

Oxidising properties: no

9.2 Other information

Not applicable

10. STABILITY AND REACTIVITY

10.1 Reactivity

See section 10.3

10.2 Chemical Stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to Avoid

None known.

10.5 Incompatible Materials

Strong oxidizing substances. Strong acids. Alkali metals

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Acute toxicity

Mixture data:

ATE_{mix} (oral): > 5000 mg/kg (calculation method)

ATE_{mix} (dermal): > 2000 mg/kg (calculation method)

Component data:

ETHANOL (CAS: 64-17-5)

ORAL (LD50 values)

Rat: female: 15010mg/kg; male (young adult): 10600mg/kg; male (old adult): 7060mg/kg; not sex specific: old adult: 11500mg/kg; young adult: 17750mg/kg; immature animal: 6160mg/kg, ~12000mg/kg, male/female :10470mg/kg; >7692mg/kg (female).

Mouse: 8350mg/kg

Human: LD50 ~2000mg/kg

INHALATION

Rat (4hr): LC50: male: 51mg/l, female: 55mg/l

Mouse: LC50>60000ppm

DERMAL

No reliable data. Information indicates LC50>15800mg/l

INTRAPERITONEAL (LD50 values)

Rat: young animals LD50 5500-6710mg/kg. Old animals LD50: 4070-5100mg/kg

Mouse: Male 9020, 9710mg/kg. Female: 9450mg/kg.

According to the data, this product is not classified as having acute toxicity.

11.1.2 Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

11.1.3 Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.

11.1.4 Respiratory or skin sensitization

Based on the available information, the classification criteria are not fulfilled.

11.1.5 Germ cell mutagenicity

Based on the available information, the classification criteria are not fulfilled.

11.1.6 Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

11.1.7 Reproductive toxicity

Based on the available information, the classification criteria are not fulfilled.

11.1.8 STOT-single exposure

Based on the available information, the classification criteria are not fulfilled.

11.1.9 STOT-repeated exposure

Based on the available information, the classification criteria are not fulfilled.

11.1.10 Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

The product components are not classified as environmentally hazardous.

However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

ETHANOL (CAS: 64-17-5)

Acute Toxicity - Fish LC50 48 hours > 100 mg/l *Leuciscus idus* (Golden orfe)

Acute Toxicity - Aquatic Invertebrates EC50 48 hours > 100 mg/l *Daphnia magna*

Acute Toxicity - Aquatic Plants EC50 48 hours > 100 mg/l *Selenastrum capricornutum*

12.2 Persistence and degradability

ETHANOL (CAS: 64-17-5)

Readily biodegradable in fresh water, salt water and anaerobic conditions.

12.3 Bioaccumulative potential

ETHANOL (CAS: 64-17-5)

The substance has a low potential for bioaccumulation (log Kow3) and therefore testing for bioaccumulation is not required.

12.4 Mobility in soil

ETHANOL (CAS: 64-17-5)

Mobility: The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product is water soluble and may spread in water systems. Adsorption to soil and sediment is not strong. Theoretical calculation: 92 % water; <1% sediment; <1% soil, 8% air

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects

Not applicable

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste material must be disposed in accordance with the Directive on Waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose as non-hazardous waste.

Waste no. (recommended): 07 04 99

Contaminated packaging

Packaging that cannot be cleaned should be disposed as for product. Uncontaminated packaging may be taken for recycling.

14. TRANSPORT INFORMATION**14.1 UN number**

Not hazardous goods

14.2 UN proper shipping name

Not hazardous goods

14.3 Transport Hazard Class

Not hazardous goods

14.4 Packing Group

Not hazardous goods

14.5 Environmental Hazards

Not hazardous goods

14.6 Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

Not applicable

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance and mixture****Declaration according to the requirements of Regulation (EC) No. 1272/2008, No. 1907/2006****EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive

1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (BPR), including amendments.

Guidance

ECHA Guidance on the application of CLP criteria (Version 4: November 2013) ECHA
Guidance on the compilation of safety data sheets (Version 2.1: February 2014)

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

None classified.

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

Ethanol	64-17-5	30 %
Water	7732-18-5	30 - 60 %

New Jersey Right to Know

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

NICNAS

All ingredients are listed in NICNAS and can be manufactured or imported into Australia for commercial purposes without notifying the Department of Health.

NZIoC

All ingredients are listed in NZIoC and can be manufactured or imported into New Zealand.

15.2 Chemical safety assessment

For this product a chemical safety assessment has not been carried out.

16. OTHER INFORMATION

JOKER AG/SA provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. JOKER AG/SA MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH THE RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, JOKER AG/SA WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

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