
SAFETY DATA SHEET

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

Version 9 Date 08.04.2020

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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 Power Gel

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

Usage of the substance /

mixture: Hand Sanitizer

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier: JOKER AG/SA
Industriezone
CH-3210 Kerzers
Switzerland

Information Department:

JOKER AG/SA

Tel: +41 31 750 5252 (Mon - Fri 08 – 18h)

info@jokerag.com

Or the national toxicological centers of Germany, Switzerland and Austria

1.4 Emergency telephone number

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

National toxicological center of Germany: + 49 (0) 231 9071 2971

National toxicological center of Switzerland: +41 (0)58 465 12 53

National toxicological center of Austria: +43 1 31 00 472

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Hazard Classifications

Flammable Liquids - Category 3, H226

Eye Irritation – Category 2, H319

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2 Label Elements

Hazard Pictogram



Signal Word

Warning

Hazard Statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Prevention Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

Response Precautionary Statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement

P403+P235 Store in a well-ventilated place. Keep cool.

Poison Schedule: S5. Caution

2.3 Other hazards

Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

CAS-No.	EC-No.	INDEX-No.	Classification	Concentration
Ethanol, denatured according to TSDA 1 and SD 40-B				
64-17-5	200-578-6	-	Flam. Liq. 2, H225 Eye Irrit. 2, H319	60-100%
Water				
7732-18-5	231-791-2	-	-	10 - 30%
Glycerin				
56-81-5	200-289-5	-	-	<10%
Aloe Vera Extract				
85507-69-3	287-390-8	-	-	<1%
Propylene Glycol				
57-55-6	200-338-0	-	-	<1%
Carbomer				
9003-01-4	618-347-7	-	-	<1%
Triisopropanolamine				
122-20-3	204-528-4	-	Eye Irrit. 2, H319	<1%
Scent				
-	-	-	-	<0.1%

For the full text of the listed risk phrases and H-statements, see section 16.

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 skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble).

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician: Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: *2YE

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

Flammable liquid and vapour. May form flammable vapour mixtures with air.

5.3 Advice for firefighters

Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 Personal precautions and protective equipment

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Avoid heat or flames.

6.1.2 Emergency procedures

Large spills: If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately.

Dangerous Goods – Initial Emergency Response Guide No: 14

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

SMALL SPILLS Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

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

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

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

8.2 Exposure Controls

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

Exposure Controls - Eyes: Avoid contact with eyes.

Exposure Controls - Skin: Wear vinyl, latex or nitrile gloves.

Exposure Controls - Respiratory Avoid breathing vapours. Provide adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form: Gel

Colour: Clear liquid gel

Odour: characteristic lemon odour

Odour threshold: not available

pH: 5.5 – 7.5

Melting point: 0 °C

Boiling point: not available

Flash point: 24 °C

Evaporation rate: not available

Flammability: not available

Upper/lower flammability or explosive limits: not available

Vapour pressure: not available

Relative density: 0.9

Solubility: Soluble / Dispersible in water

Partition coefficient: not applicable

Auto-ignition temperature: not applicable

Decomposition temperature: not applicable

Viscosity: pourable gel

Explosive properties: not applicable

Oxidising properties: not applicable

9.2 Other information

Not applicable

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reaction with: Acids and oxidizing agents

10.2 Chemical Stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents.

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition. Avoid exposing to heat and contact with strong oxidizing substances. Avoid contact with acids.

10.5 Incompatible Materials

Strong oxidizing substances. Strong acids. Alkali metals

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

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

Not irritating

11.1.3 Serious eye damage/irritation

Category 2A (irritating to eyes)

11.1.4 Respiratory or skin sensitization

Not classified

11.1.5 Germ cell mutagenicity

Not classified

11.1.6 Carcinogenicity

Not classified

11.1.7 Reproductive toxicity

Not classified

11.1.8 STOT-single exposure

Not classified

11.1.9 STOT-repeated exposure

Not classified

11.1.10 Aspiration hazard

Not classified

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

When disposing of surplus or waste product use suitable PPE etc. ensuring empty containers are rinsed out and disposed of safely. Do not allow product to enter land or surface water

drains. Dispose of in accordance with local authority regulations. Do not mix with other waste materials

Contaminated packaging

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

14.1 UN number

1987

14.2 UN proper shipping name

Alcohols, N.O.S. (contains ethanol)

14.3 Transport Hazard Class

Class 3: Flammable Liquids

14.4 Packing Group

III

14.5 Environmental Hazards

Not hazardous according to IMDG, ADR, RID, AND

14.6 Special precautions for user

Avoid heat and flames. Store in a cool place away from direct sunlight.

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.

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

Fire Hazard

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	60 - 100 %
Water	7732-18-5	10 - 30 %

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

This product has been assessed by toxicological risk assessment to be safe for its intended use in the US, UK and the EU.

16. OTHER INFORMATION

Text of H-codes(s) mentioned in Section 2.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

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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