

Safety Data Sheet according to 91/155/EEC

Joker AG/SA

Revision date : 01.02.2007

Revision no. : 1,00

CYBER CLEAN

CyberClean

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

CYBER CLEAN

Use of the substance/preparation

Cleaning agent

Company/undertaking identification

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2. Composition/information on ingredients

Chemical characterization (preparation)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-578-6	64-17-5	ethanol, ethyl alcohol	10 - 15 %	F R11

Full text of each relevant R phrase can be found in heading 16.

3. Hazards identification

Explication of special hazards for human health and environment

Not classified as dangerous according to directive 1999/45/EEC

4. First aid measures

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

Drink plenty of water.
Consult a physician.

5. Fire-fighting measures

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.
Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

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Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

6. Accidental release measures

Personal precautions

Avoid contact with eyes.

Environmental precautions

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

Methods for cleaning up/taking up

Take up mechanically and collect in suitable container for disposal.

7. Handling and storage

Handling

Advice on protection against fire and explosion

No special protective measures against fire required.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on storage compatibility

Incompatible with oxidizing agents.

Storageclass (VCI)

12/13

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
	Ethanol	-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
	Glycerol, mist	-	-		STEL (15 min)	WEL

Exposure controls

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Not required under normal use.

In case of sensitivity the protection of hands is recommended.

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9. Physical and chemical properties

General information

Physical state	Gel
Colour	Yellow
Odour	Of lemon

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point	n.a.
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10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Materials to avoid

Oxidizing agents.

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Repeated or prolonged exposure may cause irritation of eyes and skin.
Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

Further information

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

12. Ecological information

Ecotoxicity

No data available.

Further information

Do not flush into surface water or sanitary sewer system.

13. Disposal considerations

Advice on disposal

Where possible recycling is preferred to disposal.
Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

200301	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste
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Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

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14. Transport information

Land transport (ADR/RID)

Inland waterways transport

Marine transport

Air transport

Further information

No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling

Labelling according to EC-guidelines The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

National regulations

1999/13/EC (VOC)

15 %

16. Other information

Full text of R-phrases referred to under sections 2 and 3

11 Highly flammable.

Other data

EC Regulation 648/2004 (regulation on detergents)
cationic surfactants

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)