

Trade name: Cyberbond 9999 Cleaner (Aerosol)

Product no.: B 9999 Spray

Current version : 6.0.0, issued: 19.04.2012

Replaced version: 5.0.0, issued: 10.11.2011

Region: GB

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

1.1 Product identifier

Trade name

Cyberbond 9999 Cleaner (Aerosol)

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

Relevant identified uses of the substance or mixture
Cleaner

1.3 Details of the supplier of the safety data sheet

Address

Cyberbond Europe GmbH
Werner-von-Siemens-Str. 2
31515 Wunstorf

Telephone no. +49-(0)5031-9566-0
Fax no. +49-(0)5031-9566-26

Information provided by / telephone

Technical Department: Tel.: +49-(0)5031-9566-0

Advice on Safety Data Sheet

msds@cyberbond.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

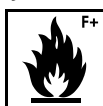
Classification in accordance with Directive 67/548/EEC or 1999/45/EC

F+; R12
Xi; R38
N; R51/53
R67

2.2 Label elements

Labelling according to Directive 1999/45/EC

Hazard symbols



Extremely flammable



Irritant



Dangerous for the environment

R phrases

12	Extremely flammable
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

S phrases

2	Keep out of the reach of children.
16	Keep away from sources of ignition --- No smoking.
23.4	Do not breathe spray.
51	Use only in well-ventilated areas.
60	This material and its container must be disposed of as hazardous waste.
61	Avoid release to the environment. Refer to special instructions / Safety data sheets.

Supplemental label elements

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition --- No smoking.

Keep out of the reach of children.

Contains: (R)-p-mentha-1,8-diene - May produce an allergic reaction.

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2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Mixture (preparation)

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification 67/548/EEC	Concentration	%-b.w.
1	Naphtha (petroleum), hydrotreated light			
	64742-49-0 265-151-9 649-328-00-1 -	F; R11 Xn; R65 Xi; R38 N; R51/53 R67	> 50,00 - < 70,00	%-b.w.
2	acetone			
	67-64-1 200-662-2 606-001-00-8 -	F; R11 Xi; R36 R67 R66	> 10,00 - < 30,00	%-b.w.
3	propan-2-ol			
	67-63-0 200-661-7 603-117-00-0 -	F; R11 Xi; R36 R67	> 5,00 - < 10,00	%-b.w.
4	ethanol			
	64-17-5 200-578-6 603-002-00-5 -	F; R11	> 5,00 - < 10,00	%-b.w.
5	isobutane			
	75-28-5 200-857-2 601-004-00-0 -	F+; R12	> 5,00 - < 10,00	%-b.w.
6	(R)-p-mentha-1,8-diene			
	5989-27-5 227-813-5 601-029-00-7 -	R10 Xi; R38 N; R50/53 R43	< 0,50	%-b.w.
7	carbon dioxide			
	124-38-9 204-696-9 - -	-	> 1,00 - < 5,00	%-b.w.

Full Text for all R-phrases: pls. see section 16

No	Note	Specific concentration limits
6	C	-

Full text for the notes: pls. pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately. Remove soiled or soaked clothing immediately.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with soap and water.

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After eye contact

In case of contact with eyes rinse thoroughly with copious amounts of water and seek medical advice.

After ingestion

Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

The following symptoms may occur: Unconsciousness; Intoxication; Vomiting; Headache; Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam; extinguishing powder; Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Combustion products of this material have to be classed invariably as respiratory poison. In the event of fire, the following can be released: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Cool endangered containers with water spray jet. Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

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.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains or waterways.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). When picked up, treat material as prescribed under heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Avoid contact with eyes and skin. Do not inhale aerosols. Do not eat, drink or smoke during work time.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Vapours can form an explosive mixture with air. Avoid effect of heat.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a well-ventilated place. Protect from heat and direct sunlight.

Recommended storage temperature

Value	<=	20	°C
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7.3 Specific end use(s)

No data available.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
	2000/39/EWG		
	Acetone		
	TWA	1210	500
	mg/m ³		ml/m ³
	List of approved workplace exposure limits (WELs) / EH40		
	Acetone		
	STEL	3620	1500
	mg/m ³		ml/m ³
	TWA	1810	500
	mg/m ³		ml/m ³
2	propan-2-ol	67-63-0	200-661-7
	List of approved workplace exposure limits (WELs) / EH40		
	Propan-2-ol		
	STEL	1250	500
	mg/m ³		ml/m ³
	TWA	999	400
	mg/m ³		ml/m ³
3	Butane	106-97-8	203-448-7
	List of approved workplace exposure limits (WELs) / EH40		
	Butane		
	STEL	1810	750
	mg/m ³		ml/m ³
	TWA	1450	600
	mg/m ³		ml/m ³
4	ethanol	64-17-5	200-578-6
	List of approved workplace exposure limits (WELs) / EH40		
	Ethanol		
	TWA	1920	1000
	mg/m ³		ml/m ³
5	Propane	74-98-6	200-827-9
	List of approved workplace exposure limits (WELs) / EH40		
	Propane		
6	carbon dioxide	124-38-9	204-696-9
	List of approved workplace exposure limits (WELs) / EH40		
	Carbon dioxide		
	STEL	27400	15000
	mg/m ³		ml/m ³
	TWA	9150	5000
	mg/m ³		ml/m ³
	2006/15/EG		
	Kohlendioxid		
	TWA	9000	5000
	mg/m ³		ml/m ³

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus. Self-contained breathing apparatus. Multi-range filter ABEK/P3

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Protective gloves (EN 374); Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	butyl		
Material thickness	>=	0,7	mm
Breakthrough time	>=	480	min.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour			
Aerosol			
colourless, clear			
Odour			
characteristic			
Odour threshold			
No data available			
pH value			
No data available			
Boiling point / boiling range			
No data available			
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Value	-60	°C	
Reference substance	Aerosol propellant		
Ignition temperature			
Value	510	°C	
Reference substance	Aerosol propellant		
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
Value	1,4	% vol	
Upper flammability or explosive limits			
Value	32	% vol	
Vapour pressure			
Value	3000	hPa	
Reference temperature	20	°C	
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	0,68	g/cm ³	
Reference temperature	20	°C	
Solubility in water			
Remarks	immiscible		

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Solubility(ies)	
No data available	
Partition coefficient: n-octanol/water	
No data available	
Viscosity	
No data available	
Solvent content	
Value	90 %

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Evolution of heat. Formation of explosive gas/air mixtures.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity	
LD50	> 5000 mg/kg
Species	rat
Source	Manufacturer

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Acute dermal toxicity
No data available
Acute inhalational toxicity
No data available
Skin corrosion/irritation
No data available
Serious eye damage/irritation
No data available
Respiratory or skin sensitisation
No data available
Germ cell mutagenicity
No data available
Reproduction toxicity
No data available
Carcinogenicity
No data available
STOT-single exposure
No data available
STOT-repeated exposure
No data available
Aspiration hazard
No data available
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Inhalation causes narcotic effect/intoxication. Irritating to eyes. Irritates respiratory tract.

SECTION 12: Ecological information

12.1 Toxicity

Fish toxicity
No data available
Daphnia toxicity
No data available
Algae toxicity
No data available
Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability	
Evaluation	Slightly biodegradable

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

Other adverse effects
Product does not contain any organic bound Halogens which could lead to AOX-values.

12.7 Other information

Other information
Do not discharge product unmonitored into the environment.
Product should not reach open waters.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Remove in accordance with local official regulations. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	2
Classification code	1A
Hazard identification no.	20
UN number	UN1956
Technical name	COMPRESSED GAS, N.O.S.
Tunnel restriction code	E
Label	2.2
Environmentally hazardous substance mark	Symbol "fish and tree"

14.2 Transport IMDG

Class	2.2
UN number	UN1956
Proper shipping name	COMPRESSED GAS, N.O.S.
EmS	F-C+S-V
Label	2.2
Marine pollutant mark	Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class	2.2
UN number	UN1956
Proper shipping name	Compressed gas, n.o.s.
Label	2.2

14.4 Other information

No data available.

14.6 Special precautions for user

No data available.

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

Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 2, category 8

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Further information

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

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Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

EC safety data sheet



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Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
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Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.