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

1.1. Product identifier

Name of product

WEICON CBC Härter
Code-Nr. 101102

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

Uses advised against

Remark
Do not use for private purposes (household).

Recommended intended purpose(s)
2-Component Epoxy Resin - Hardener Component

1.3. Details of the supplier of the safety data sheet

Distributor

WEICON GmbH & Co. KG
Königsberger Str. 255,, DE-48157 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone ++49(0)251 / 9322 - 0
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

GIZ Bonn (German, English) Tel: ++49(0)228-19 240
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178 433 7434 (24h Emergency Contact)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)
Tel: ++49(0)228-19 240
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178 433 7434 (24h Emergency Contact)

! SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Skin Corr. 1B	**H314**	
Eye Dam. 1	**H318**	

! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Skin Sens. 1	**H317**	
Repr. 2	**H361f**	
Aquatic Acute 1	**H400**	
Aquatic Chronic 1	**H410**	

Hazard Statements

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

2.2. Label elements
Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

GHS05 GHS07 GHS08 GHS09

! **Signal word**
Danger

Hazard Statements

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection.
P281	Use personal protective equipment as required.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

! Hazardous ingredients for labeling
2-N,N-Dimethyl-1,3-diaminopropan, 2,4,6-Tris (dimethylaminomethyl) phenol, 3-Aminomethyl-3,5, 5-trimethylcyclohexylamin, 3,6,9-triazaundecamethylenediamine, 4,4'-isopropylidenediphenol, Fatty acids, tall-oil,reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine, M-phenylenebis (methylamine)

Additional information

Remark
For industrial use only.

2.3. Other hazards
! Information pertaining to special dangers for human and environment
Causes burns.
Very toxic to aquatic organisms.

Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

! SECTION 3: Composition/ information on ingredients

3.1. Substances
not applicable

3.2. Mixtures
Description
Compound

! Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
112-57-2	203-986-2	3,6,9-triazaundecamethylenediamine	4 - 6	Acute Tox. 4, H312 / Acute Tox. 4, H302 / Skin Corr. 1B, H314 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411
69-72-7	200-712-3	salicylic acid	1 - 3	Acute Tox. 4, H332 / Acute Tox 4, H312 / Eye Dam. 1, H318
157707-73-8	500-382-3	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear, tetraethylenepentamine and triethylenetetramine	35 - 45	Eye Dam. 1, H318
90-72-2	202-013-9	2,4,6-Tris (dimethylaminomethyl) phenol	1 - 3	Acute Tox. 4, H302 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Skin Sens. 1B, H317 / Aquatic Chronic 3, H412
100-51-6	202-859-9	benzyl-alcohol	12 - 15	Acute Tox. 4, H302; H332 / Eye Irrit. 2, H319
2855-13-2	220-666-8	3-Aminomethyl-3,5, 5-trimethylcyclohexylamin	4 - 6	Acute Tox. 4, H302, H312 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / Aquatic Chronic 3, H412
1477-55-0	216-032-5	M-phenylenebis (methylamine)	2 - 4	Acute Tox. 4, H302, H332 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / Aquatic Chronic 3, H412
109-55-7	203-680-9	2-N,N-Dimethyl-1,3-diaminopropan	1 - 3	Flam. Liq. 3, H226 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Acute Tox. 4, H302, H312 / Skin Sens. 1, H317
80-05-7	201-245-8	4,4`-Isopropylidendiphenol	2 - 4	Eye Dam. 1, H318 / Skin Sens. 1, H317 / Repr. 2, H361f / STOT SE 3, H335 / Aquatic Chronic 2, H411

Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
186321-96-0		**Fatty acids, tall-oil,reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine**	**23 - 30**	**Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410**

REACH

CAS No	Name	REACH registration number
157707-73-8	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear, tetraethylenepentamine and triethylenetetramine	01-2119972324-36
109-55-7	2-N,N-Dimethyl-1,3-diaminopropan	01-2119486842-27-xxxx
80-05-7	4,4`-Isopropylidendiphenol	01-2119457856-23
186321-96-0	Fatty acids, tall-oil,reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	01-2119983521-35

! SECTION 4: First aid measures

4.1. Description of first aid measures

! **General information**
Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

In case of inhalation
Remove the casualty into fresh air and keep him immobile.
Seek medical advice immediately.

In case of skin contact
In case of contact with skin wash off immediately with soap and water.
Remove contaminated clothing immediately, even underwear and shoes.
Seek medical treatment immediately.

In case of eye contact
After eye contact, rinse opened eye for 15 minutes under running water. Transfer to hospital for specialist examination.

In case of ingestion
Do not induce vomiting.
Call for a doctor immediately.
Rinse out mouth and give plenty of water to drink.

4.2. Most important symptoms and effects, both acute and delayed

! **Physician's information / possible symptoms**
vomiting
Respiratory complaints
Headache
Skin burns
Nausea
skin irritation

Physician's information / possible dangers
allergic reactions
Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)
Keep under medical supervision for at least 48 hours.
Symptoms may not occur until several hours.

! SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Fire-extinguishing activities according to surrounding.

5.2. Special hazards arising from the substance or mixture
In case of fire formation of dangerous gases possible.
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Carbon dioxide (CO2)

5.3. Advice for firefighters
! **Special protective equipment for fire-fighters**
Wear full protective clothing.
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.
Do not inhale explosion and/or combustion gases.

Additional information
Burns down under strong soot production.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Collect contaminated firefighting water separately, must not be discharged into the drains.

! SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Ensure adequate ventilation.
Remove persons to safety.
Keep people away and stay on the upwind side.
Use personal protective clothing.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions
Inform pollution control authorities if product gets into the sewerage systems or open waters.
Collect contaminated water / firefighting water separately.
Do not discharge into the drains/surface waters/groundwater.
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up
Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
After taking up the material dispose according to regulation.

Additional Information
Sort out leaky cans and dispose according to regulations.

6.4. Reference to other sections
Safe handling: see section 7
Disposal: see section 13
Personal protection equipment: see section 8

! SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Open and handle container with care!
Take the usual precautions when handling with chemicals.

General protective measures

Do not inhale vapours.
Avoid contact with eyes and skin
Avoid explosion - before application obtain special instructions.
It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.

Hygiene measures

At work do not eat, drink and smoke.
Remove soiled or soaked clothing immediately.
Work in rooms with good ventilation.
Wash hands before breaks and after work.
Use barrier skin cream.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

Do not store with acids or alkalies.
Do not store together with animal feedstuffs.
Do not store together with food.
Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
Protect from frost.
Protect from heat and direct solar radiation.
Store at 5 to 40°C (=41 to 104°F).

7.3. Specific end use(s)

Recommendation(s) for intended use

See section 1.2

! SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
100-51-6	benzyl-alcohol	450 mg/m3	DNEL acute inhalative (systemic)	
		9,5 mg/kg bw/day	DNEL long-term dermal (systemic)	
		90 mg/m3	DNEL long-term inhalative (systemic)	

DNEL-/PNEC-values (continued)

CAS No	Substance name	Value	Code	Remark
		47 mg/kg bw/day	DNEL acute dermal, short-term (systemic)	
109-55-7	2-N,N-Dimethyl-1,3-diaminopropan	4,9 mg/m3	DNEL long-term inhalative (local)	
		9,8 mg/m3	DNEL acute inhalative (local)	
		4,9 mg/m3	DNEL long-term inhalative (systemic)	
		9,8 mg/m3	DNEL acute inhalative (systemic)	
112-57-2	3,6,9-triazaundecamethylenediamine	1,29 mg/m3	DNEL long-term inhalative (systemic)	
		0,74 mg/kg bw/day	DNEL long-term dermal (systemic)	
		6940 mg/m3	DNEL acute inhalative (systemic)	
		0,036 mg/m3	DNEL long-term dermal (local)	
186321-96-0	Fatty acids, tall-oil,reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	3,33 mg/kg bw/day	DNEL long-term dermal (systemic)	
		23,5 mg/m3	DNEL long-term inhalative (systemic)	
2855-13-2	3-Aminomethyl-3,5, 5-trimethylcyclohexylamin	20,1 mg/m3	DNEL acute inhalative (local)	
		20,1 mg/kg bw/day	DNEL acute inhalative (systemic)	
69-72-7	salicylic acid	16 mg/m3	DNEL long-term inhalative (systemic)	
		2 mg/kg bw/day	DNEL long-term dermal (systemic)	
90-72-2	2,4,6-Tris (dimethylaminomethyl) phenol	0,31 mg/m3	DNEL long-term inhalative (systemic)	

PNEC

CAS No	Substance name	Value	Code	Remark
100-51-6	benzyl-alcohol	0,456 mg/kg	PNEC soil, freshwater	
		5,27 mg/kg	PNEC sediment, freshwater	
		39 mg/l	PNEC sewage treatment plant (STP)	
		0,1 mg/l	PNEC aquatic, marine water	
		1 mg/l	PNEC aquatic, freshwater	
		0,527 mg/kg	PNEC sediment, marine water	
109-55-7	2-N,N-Dimethyl-1,3-diaminopropan	0,000535 mg/l	PNEC aquatic, marine water	
		0,0854 mg/kg	PNEC soil, freshwater	
		0,0535 mg/l	PNEC aquatic, freshwater	
		69,5 mg/l	PNEC sewage treatment plant (STP)	
		0,0585 mg/kg	PNEC sediment, marine water	
		0,585 mg/kg	PNEC sediment, freshwater	

DNEL-/PNEC-values (continued)

CAS No	Substance name	Value	Code	Remark
112-57-2	3,6,9-triazaundecamethylenediamine	0,274 mg/kg	PNEC soil, freshwater	
		0,746 mg/kg	PNEC sediment, marine water	
		0,0068 mg/l	PNEC aquatic, marine water	
		0,0068 mg/l	PNEC aquatic, freshwater	
		0,23 mg/kg	PNEC Secondary Poisoning	
		4,6 mg/l	PNEC sewage treatment plant (STP)	
		0,341 mg/kg	PNEC sediment, freshwater	
186321-96-0	Fatty acids, tall-oil,reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	0,005 mg/kg	PNEC sediment, freshwater	
		0,019 µg/l	PNEC aquatic, marine water	
		0,186 µg/l	PNEC aquatic, freshwater	
		1,58 mg/l	PNEC sewage treatment plant (STP)	
		0,005 mg/kg	PNEC sediment, marine water	
		0,00089 mg/kg	PNEC soil, freshwater	
2855-13-2	3-Aminomethyl-3,5, 5-trimethylcyclohexylamin	1,121 mg/kg	PNEC soil, freshwater	
		0,578 mg/kg	PNEC sediment, marine water	
		0,06 mg/l	PNEC aquatic, freshwater	
		0,006 mg/l	PNEC aquatic, marine water	
		3,18 mg/l	PNEC sewage treatment plant (STP)	
		5,784 mg/kg	PNEC sediment, freshwater	
69-72-7	salicylic acid	0,166 mg/kg	PNEC soil, freshwater	
		0,142 mg/kg	PNEC sediment, marine water	
		162 mg/l	PNEC sewage treatment plant (STP)	
		0,02 mg/l	PNEC aquatic, marine water	
		0,2 mg/l	PNEC aquatic, freshwater	
		1,42 mg/kg	PNEC sediment, freshwater	
90-72-2	2,4,6-Tris (dimethylaminomethyl) phenol	0,2 mg/l	PNEC sewage treatment plant (STP)	
		0,0084 mg/l	PNEC aquatic, marine water	
		0,084 mg/l	PNEC aquatic, freshwater	

Additional advice
The statutory local and national regulations have to be observed.

8.2. Exposure controls

! **Respiratory protection**
Selection of the appropriate filter type depends on the quantity and chemicals handled at the workplace. Contact supplier of respiratory protective equipment or more information about filter properties.
In case of insufficient ventilation or long-term effect use breathing apparatus.
Short-term: filter apparatus, filter AX/P2, otherwise environment-independent breathing apparatus.

! **Hand protection**
In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: fluorinated rubber; 0,7mm; 480min; 60min;

Eye protection
tightly fitting goggles
protective shield

Other protection measures
protective clothing

Appropriate engineering controls
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Colour	Odour
liquid	brown	characteristic

Odour threshold
not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 11				1:1 in water
boiling point	> 135 °C				
melting point	not determined				
Flash point	> 85 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	> 200 °C				estimate
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	ca. 1 g/cm3	20 °C			
Vapour density	not determined				

	Value	Temperature	at	Method	Remark
Solubility in water					partially soluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	> 200 °C				
Viscosity dynamic	not determined				
Viscosity kinematic	not determined				

Oxidising properties
not determined

Explosive properties
not determined

9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No information available.

10.2. Chemical stability
No information available.

10.3. Possibility of hazardous reactions
Reactions with strong acids and alkalies.
Reactions with oxidising agents.

10.4. Conditions to avoid
Keep away from heat.

10.5. Incompatible materials
Substances to avoid
Alkali (lye)
Acid
oxidising agent

10.6. Hazardous decomposition products
Gases/vapours, toxic
Smoke.
Carbon monoxide and carbon dioxide.
Nitrous oxides (NOx)

Thermal decomposition

Remark No decomposition if used as directed.

! SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	2975 mg/kg			ATE
LD50 acute dermal	7997 mg/kg			ATE
LC50 acute inhalation	7,929 mg/l ()		dust/mist	ATE
Skin irritation	corrosive			
Eye irritation	corrosive			
Skin sensitization	sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Chronic Toxicity				-
Mutagenicity				No experimental information on genotoxicity in vitro available.
Reproduction-Toxicity				Indications of toxic effects are available from reproduction studies in animals.
Carcinogenicity				No indications of carcinogenic effects are available from long-term trials.

! **Experiences made from practice**
Risk of strong health injuries in case of long-term exposition.
Corrosive effect on skin and mucous membrane.
Sensitization through inhalation possible.
Risk of strong eye injuries.
Inhalation causes headache/nausea.

Additional information
The product is to be handled with the caution usual with chemicals.
Other hazardous properties may not be excluded.
The product has not been tested. The information is derived from the properties of the individual components.

! SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 1,86 mg/l (96 h)	Fish	OECD 203	CAS: 186321-96-0
Daphnia	EC 50 0,705 mg/l (48 h)	Daphnia sp.	OECD 202	CAS: 186321-96-0

	Value	Species	Method	Validation
Algae	ErC50 0,186 mg/l (72 h)	Green algae	OECD 201	CAS: 186321-96-0
Bacteria	EC50 157,6 mg/l (3 h)	activated sludge	OECD 209	CAS: 186321-96-0

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	9 % (28 d) CAS: 186321-96-0		OECD 301 D	not degradable
Degradability	65 % (20 d) CAS: 109-55-7		OECD 301 D	readily degradable

12.3. Bioaccumulative potential
The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
! **General regulation**
Very toxic to aquatic life with long lasting effects.
Even in the event of low quantities penetration into the underground drinking water is contaminated.
Product is not allowed to be discharged into the ground water or aquatic environment.
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.
The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

! SECTION 13: Disposal considerations

13.1. Waste treatment methods
Recommendations for the product
Remove in accordance with local official regulations.
Dispose of as hazardous waste.

Recommendations for packaging
Dispose of according to the local waste regulations.

General information
Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

! SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	2735	2735	2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorone diamine)	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorone diamine)	Amines, liquid, corrosive, n.o.s. (Isophorone diamine)

	ADR/RID	IMDG	IATA-DGR
14.3. Transport hazard class(es)	8	8	8
14.4. Packing group	II	II	II
14.5. Environmental hazards	Yes	Yes	Yes

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

Land and inland navigation transport ADR/RID
Hazard label(s) 8
tunnel restriction code E
Classification code C7

Marine transport IMDG
MARINE POLLUTANT

! SECTION 15: Regulatory information

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

VOC standard

! **Remark**
Request data separately.

15.2. Chemical Safety Assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Training advice
The product is intended only for the industrial/professional use.

Recommended uses and restrictions
National and local regulations concerning chemicals shall be observed.
For industrial use only.

Further information
Each user is responsible for the implementation of the national special regulations.
The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.0

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302,	-?-
H302,	-?-
H302;	-?-
H312	Harmful in contact with skin.
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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
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.
H412	Harmful to aquatic life with long lasting effects.