



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

### 1.1. Product identifier

Name of product

Contact VA 8312

Code-Nr. 122000

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

#### Recommended intended purpose(s)

1-Component Cyanacrylat - Adhesives

### 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

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:

++44 1865 407333 (English)

TRANSPORT EMERGENCY CONTACT - UK, UAE, South

Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

WEICON GmbH & Co. KG

Königsberger Str. 255, DE-48157 Münster

### 1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):

Tel: ++49 69 222 25285 (Deutsch, Englisch)

## 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
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Skin Irrit. 2	H315	
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Eye Irrit. 2	H319	
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STOT SE 3	H335	
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#### Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**


GHS07

**Signal word**

Warning

**Hazard Statements**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

**Precautionary Statements**

P102 Keep out of reach of children.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 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.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P332 + P313 If skin irritation occurs: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P362 Take off contaminated clothing.  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/container to hazardous or special waste collection point.

**Special rules for supplemental label elements for certain mixtures**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

**2.3. Other hazards**
**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**

One-component adhesive based on cyanoacrylate acid alkyl ester.

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
7085-85-0	230-391-5	ethyl 2-cyanoacrylate	80 - 99,9	Eye Irrit. 2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.

Take affected person into fresh air.

#### In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

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

Do not take off solidified product from skin.

Refer for medical treatment.

#### 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

Call for a doctor immediately.

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

#### Physician's information / possible symptoms

Coughing

Shortness of breath

Respiratory complaints

skin irritation

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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Nitrogen oxides (NO<sub>x</sub>)

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

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

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## 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.

Use breathing apparatus if exposed to vapours/dust/aerosol.

### 6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

### 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).

Disposal according to regulations.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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

Open and handle container with care!

#### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

#### Hygiene measures

At work do not eat, drink and smoke.

Wash soiled clothing immediately.

Wash hands before breaks and after work.

#### 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 in closed original container.

#### Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

Keep away from water.

#### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from heat and direct solar radiation.

### 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****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
7085-85-0	Ethyl cyanoacrylate	8 hours Short-term	1.5	0.3	EH40/2005

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

In case of insufficient ventilation or long-term effect use 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]: Nitrile rubber; 0,4mm; 480min;60min.

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

Sufficient ventilation and exhaustion.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b> liquid	<b>Colour</b> colourless	<b>Odour</b> typical, pungent
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**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>boiling point</b>	214 °C		1003 mbar		
<b>melting point</b>	-31 °C				
<b>Flash point</b>	82,5 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				



	Value	Temperature	at	Method	Remark
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	480 °C				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	< 21 Pa				
<b>Relative density</b>	1,043 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					Reacts with water
<b>Solubility/other</b>	91,8 mg/l		acetone		
<b>Partition coefficient n-octanol/water (log P O/W)</b>	0,776				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	2,6 mPa*s	20 °C			
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	not applicable				
<b>9.2. Other information</b>	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 oxidising agents.

Explosive reaction with water

Reactions with alcohols, amines, aqueous acids and alkalies.

### 10.4. Conditions to avoid

After contact with water:

Keep away from heat.

Risk of polymerisation.

### 10.5. Incompatible materials

#### Substances to avoid

Alkali (lye)

Alcohols

Amines



Oxidising agent, strong  
Water

**10.6. Hazardous decomposition products**

Gases/vapours, toxic  
Carbon monoxide and carbon dioxide.  
Nitrous oxides (NOx)

**Thermal decomposition**

Remark No decomposition if used as directed.

**Additional information**

Polymerization under development of heat.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat	OECD 401	
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit	OECD 402	
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	irritant			
<b>Skin sensitization</b>	non-sensitizing			

**Subacute Toxicity - Carcinogenicity**

	Value	Species	Method	Validation
<b>Chronic Toxicity</b>				-
<b>Mutagenicity</b>				No experimental information on genotoxicity in vitro available.
<b>Reproduction-Toxicity</b>				No indications of toxic effects were observed in reproduction studies in animals.
<b>Carcinogenicity</b>				No indications of carcinogenic effects are available from long-term trials.
<b>Specific target organ toxicity (single exposure)</b>	not applicable			
<b>Specific target organ toxicity (repeated exposure)</b>	not applicable			
<b>Aspiration hazard</b>	not determined			

**Experiences made from practice**

Persons suffering from hypersensitivity showed sensitization.

Irritates mucous membranes.

Irritates eyes and skin.

**Additional information**

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

**SECTION 12: Ecological information****12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

Elimination rate

Method of analysis

Method

Validation

**Biological  
degradability**

not applicable

**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**

not applicable

**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**

No adverse ecological effects are known or expected to be a concern under normal use.

Do not allow uncontrolled leakage of product into the environment.

The ecotoxic effect of the product has not been tested. The information on this was derived from products of similar structure or composition.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste code No.**

08 04 09\*

**Name of waste**

waste adhesives and sealants containing organic solvents or other hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Carefully polymerize content with water or alkali.

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.





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**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

**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

**Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard**

VOC content 2 %

VOC value 21,2 g/L

**15.2. Chemical Safety Assessment**

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

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**SECTION 16: Other information****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: 8.5

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.