

## CORACON® BL 1

Print date: 17.06.2015

Page 1 of 12

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

#### 1.1. Product identifier

CORACON® BL 1

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

##### Use of the substance/mixture

Corrosion inhibitor and anti-scaling agent

#### 1.3. Details of the supplier of the safety data sheet

Company name: DIESEL TECHNIC SE  
Street: Wehrmannsdamm 5-9  
Place: 27245 Kirchdorf, Germany  
Telephone: +49 04273 89-0  
Fax: +49 04273 89-89  
Contact: [www.dieseltechnic.com/contact](http://www.dieseltechnic.com/contact)

#### 1.4. Emergency telephone

**number:** +49 04273 89-0

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Hazard categories:  
Skin corrosion/irritation: Skin Corr. 1B  
Serious eye damage/eye irritation: Eye Dam. 1  
Respiratory or skin sensitisation: Skin Sens. 1  
Hazard Statements:  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Natriummetasilikat 5-hydrat  
Sodium hydroxide; caustic soda  
hydroxyphosphonoacetic acid  
Poly(oxy-1,2-ethanediyl), -alpha.-phenyl-.omega.-hydroxy-, phosphate

Signal word: Danger

Pictograms:



##### Hazard statements

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.

##### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

## CORACON® BL 1

Print date: 17.06.2015

Page 2 of 12

P310 present and easy to do. Continue rinsing.  
 P501 Immediately call a POISON CENTER/doctor.  
 Dispose of waste according to applicable legislation.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
7632-00-0	sodium nitrite			5 - < 10 %
	231-555-9	007-010-00-4		
	Ox. Sol. 3, Acute Tox. 3, Aquatic Acute 1 (M-Factor = 1); H272 H301 H400			
1303-96-4	disodium tetraborate decahydrate; borax decahydrate			1 - < 5 %
	215-540-4	005-011-01-1		
	Repr. 1B; H360FD			
10213-79-3	Natriummetasilikat 5-hydrat			1 - < 5 %
	229-912-9			
	Skin Corr. 1B, STOT SE 3; H314 H335			
1310-73-2	Sodium hydroxide; caustic soda			1 - < 5 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Skin Corr. 1A; H314			
7631-99-4	Natriumnitrat			1 - < 5 %
	231-554-3		01-2119488221-41	
	Ox. Sol. 3, Acute Tox. 4; H272 H302			
23783-26-8	hydroxyphosphonoacetic acid			1 - < 5 %
	405-710-8	015-159-00-1	01-0000015522-77	
	Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, STOT RE 2; H302 H314 H317 H373			
39464-70-5	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate			1 - < 5 %
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
37971-36-1	2 PHOSPHONOBUTANE 1,2,4 TRICARBOXYLIC ACID			1 - < 5 %
	253-733-5		01-2119436643-39	
	Met. Corr. 1, Eye Irrit. 2; H290 H319			
62-23-7	4-Nitrobenzoesäure			1 - < 5 %
	200-526-2			
	Acute Tox. 4; H302			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			1 - 5 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

Full text of H and EUH phrases: see section 16.

#### Further Information

SVHC-Substances:

## CORACON® BL 1

Print date: 17.06.2015

Page 3 of 12

CAS No.: 1303-96-4

disodium tetraborate decahydrate; borax decahydrate

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down.

##### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

##### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

##### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

##### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Adverse human health effects and symptoms: Gastric perforation. Call a physician immediately. Do not allow a neutralisation agent to be drunk.

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

Ingestion:

Gastrointestinal complaints

Nausea

Vomiting

Blood pressure drop

Circulatory collapse

Methaemoglobin formation

To follow: pH

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Water spray. alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder.

##### Unsuitable extinguishing media

No information available.

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

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Phosphorus oxides.

Nitrogen oxides (NO<sub>x</sub>). Pyrolysis products, toxic.

#### 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

##### Additional information

Suppress gases/vapours/mists with water spray jet. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Dispose of waste according to applicable legislation.

## CORACON® BL 1

Print date: 17.06.2015

Page 4 of 12

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

#### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Stop leak if safe to do so. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Dilute with plenty of water.

#### **6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Avoid: Generation/formation of aerosols Read label before use.

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Keep/Store only in original container. (at room temperature) Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

##### **Advice on storage compatibility**

Do not store together with: Acid

#### **7.3. Specific end use(s)**

Corrosion inhibitor and anti-scaling agent

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

##### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1303-96-4	Disodium tetraborate, decahydrate	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

## CORACON® BL 1

Print date: 17.06.2015

Page 5 of 12

### DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
10213-79-3	Natriummetasilikat 5-hydrat		
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	1,55 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	0,74 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	6,22 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	1,49 mg/kg bw/day
1310-73-2	Sodium hydroxide; caustic soda		
Consumer DNEL, long-term	inhalation	local	1 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	1 mg/m <sup>3</sup>
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol		
Consumer DNEL, long-term	oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	89 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	319 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	500 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	888 mg/kg bw/day

### PNEC values

CAS No	Substance	
Environmental compartment	Value	
10213-79-3	Natriummetasilikat 5-hydrat	
Micro-organisms in sewage treatment plants (STP)	1000 mg/l	
Freshwater	7,5 mg/l	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Secondary poisoning	160 mg/kg	
Soil	28 mg/kg	
Freshwater sediment	552 mg/kg	
Marine sediment	552 mg/kg	
Micro-organisms in sewage treatment plants (STP)	2251 mg/l	
Marine water	140,9 mg/l	
Freshwater	140,9 mg/l	

### 8.2. Exposure controls



## CORACON® BL 1

Print date: 17.06.2015

Page 6 of 12

### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Use protective skin cream before handling the product. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Keep away from food, drink and animal feedingstuffs.

### Eye/face protection

Tightly sealed safety glasses. (DIN EN 166)  
Wear face protection. (DIN EN 166)

### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Breakthrough times and swelling properties of the material must be taken into consideration.

Suitable material: Butyl caoutchouc (butyl rubber), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber) (DIN EN 374)

### Skin protection

Wear suitable protective clothing. Alkali-resistant. (DIN EN 13034)

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Generation/formation of aerosols:

Combination filtering device (EN 14387), Filtering device (full mask or mouthpiece) with filter: A2 P2;  
Colour: brown, white

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: liquid  
Colour: light yellow

pH-Value: < 11,5

#### Changes in the physical state

Melting point: not determined  
Initial boiling point and boiling range: 83 °C EC  
Pour point: not determined  
Solidification point:: not determined  
Flash point: 109 °C

#### Flammability

Solid: not applicable  
Gas: not applicable

#### Explosive properties

The product is not: Explosive.

Lower explosion limits: not determined

#### Test method

## CORACON® BL 1

Print date: 17.06.2015

Page 7 of 12

Upper explosion limits: not determined

### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

### Oxidizing properties

Not oxidizing.

Vapour pressure: 26 hPa EN 13016  
(at 20 °C)

Density (at 20 °C): 1,14 g/cm<sup>3</sup>

Water solubility: easily soluble

### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / kinematic: 2,08 mm<sup>2</sup>/s ISO 3104  
(at 20 °C)

Vapour density: not determined

Evaporation rate: not determined

Solvent content: not determined

## 9.2. Other information

Conductivity: 82500 µS/cm

Chemical oxygen demand (COD): 120 mg/g

Freezing point: not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Oxidizing agents, strong.

Acid.

### 10.6. Hazardous decomposition products

Reference to other sections:

SECTION 5: Firefighting measures

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## CORACON® BL 1

Print date: 17.06.2015

Page 8 of 12

### Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
7632-00-0	sodium nitrite				
	oral	LD50	180 mg/kg	Rat	GESTIS
	inhalative (4 h) aerosol	LC50	5,5 mg/l	Rat	
1303-96-4	disodium tetraborate decahydrate; borax decahydrate				
	oral	LD50 mg/kg	4500 - 5000	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
	inhalative (4 h) aerosol	LC50	> 2 mg/l	Rat	
10213-79-3	Natriummetasilikat 5-hydrat				
	oral	LD50 mg/kg	800 - 1400	Rat	Manufacturer
7631-99-4	Natriumnitrat				
	oral	ATE	500 mg/kg		
	dermal	LD50	> 5000 mg/kg	Rat	OECD 402
23783-26-8	hydroxyphosphonoacetic acid				
	oral	ATE	500 mg/kg		
62-23-7	4-Nitrobenzoesäure				
	oral	LD50	1960 mg/kg	Rat	IUCLID
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50	5840 mg/kg	Rat	OECD 401
	dermal	LD50 mg/kg	> 12800	Rabbit	OECD 402
	inhalative (4 h) vapour	LC50	72,6 mg/l	Rat	Manufacturer

### Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

## CORACON® BL 1

Print date: 17.06.2015

Page 9 of 12

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
7632-00-0	sodium nitrite					
	Acute fish toxicity	LC50 mg/l	0,56 - 1,78	96 h	Onchorhynchus mykiss	Manufacturer
	Acute algae toxicity	ErC50	> 100 mg/l	96 h	Scenedesmus subspicatus	Manufacturer
	Acute crustacea toxicity	EC50 mg/l	12,5 - 100	48 h	Daphnia magna	Manufacturer
1303-96-4	disodium tetraborate decahydrate; borax decahydrate					
	Acute fish toxicity	LC50	74 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer
	Acute algae toxicity	ErC50	158 mg/l	72 h	Desmodesmus subspicatus.	Manufacturer
	Acute crustacea toxicity	EC50 mg/l	1085 - 1400	48 h	Daphnia magna (Big water flea)	Manufacturer
10213-79-3	Natriummetasilikat 5-hydrat					
	Acute fish toxicity	LC50	3185 mg/l	96 h	Brachydanio rerio (zebra-fish)	OECD 203
	Acute algae toxicity	ErC50	> 1000 mg/l	72 h	Pseudomonas putida	OECD 209
	Acute crustacea toxicity	EC50	4857 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
1310-73-2	Sodium hydroxide; caustic soda					
	Acute fish toxicity	LC50	45,4 mg/l	96 h	Onchorhynchus mykiss	IUCLID
	Acute crustacea toxicity	EC50	76 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
7631-99-4	Natriumnitrat					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer
	Acute crustacea toxicity	EC50	8500 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
	Acute bacteria toxicity	(180 mg/l)		3 h	Activated sludge	Manufacturer
62-23-7	4-Nitrobenzoesäure					
	Acute fish toxicity	LC50	> 500 mg/l	96 h	Brachydanio rerio (zebra-fish)	OECD 203
	Acute bacteria toxicity	(16 mg/l)		1 h	Photobacterium phosphoreum	IUCLID
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	1400 mg/l	96 h	Lepomis macrochirus (Bluegill)	Manufacturer
	Acute algae toxicity	ErC50	>100 mg/l	72 h	Scenedesmus subspicatus	Manufacturer
	Acute crustacea toxicity	EC50	2285 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer

### 12.2. Persistence and degradability

The product has not been tested.

## CORACON® BL 1

Print date: 17.06.2015

Page 10 of 12

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
62-23-7	4-Nitrobenzoesäure			
	DOC reduction.	> 99 %	8	OECD 302B/ ISO 9888/ EEC 92/69/V, C.9
	Readily biodegradable (according to OECD criteria).			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
	Biochemical oxygen demand (BOD)	> 53%	5	ECHA
	Readily biodegradable (according to OECD criteria).			

### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
7632-00-0	sodium nitrite	-3,7
1303-96-4	disodium tetraborate decahydrate; borax decahydrate	-1,53
7631-99-4	Natriumnitrat	-3,8
62-23-7	4-Nitrobenzoesäure	1,89
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

160303 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes containing dangerous substances  
Classified as hazardous waste.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

For cleaning up:

Suitable material: Water

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

## CORACON® BL 1

Print date: 17.06.2015

Page 11 of 12

- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### **14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

#### **National regulatory information**

Employment restrictions: Observe employment restrictions for young people.  
Water contaminating class (D): 2 - water contaminating  
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

### **15.2. Chemical safety assessment**

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

## SECTION 16: Other information

### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Relevant H- and EUH-phrases (Number and full text)**

H225	Highly flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
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.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360FD	May damage fertility. May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---

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

## CORACON® BL 1

Print date: 17.06.2015

Page 1 of 12

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

#### 1.1. Product identifier

CORACON® BL 1

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

##### Use of the substance/mixture

Corrosion inhibitor and anti-scaling agent

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Aqua-Concept GmbH	
Street:	Am Kirchenhölzl 13	
Place:	D-82166 Gräfelfing	
Telephone:	+49 (0)89 89 93 69-0	Telefax: +49 (0)89 89 93 69-10
e-mail:	info@aqua-concept-gmbh.eu	
Contact person:	Hr. Porada	Telephone: -180
e-mail:	t.porada@aqua-concept-gmbh.eu	
Internet:	http://www.aqua-concept-gmbh.eu	
Responsible Department:	Labor	
	e-mail: info@aqua-concept-gmbh.eu	
	Tel.: 089-899369-0	

#### 1.4. Emergency telephone number:

firmeneigen  
Mo-Fr 08:00 - 16:30

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Hazard categories:  
Skin corrosion/irritation: Skin Corr. 1B  
Serious eye damage/eye irritation: Eye Dam. 1  
Respiratory or skin sensitisation: Skin Sens. 1  
Hazard Statements:  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Natriummetasilikat 5-hydrat  
Sodium hydroxide; caustic soda  
hydroxyphosphonoacetic acid  
Poly(oxy-1,2-ethanediyl), -alpha.-phenyl-.omega.-hydroxy-, phosphate

Signal word: Danger

Pictograms:



##### Hazard statements

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.

##### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if