

## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name                      HydroCure<sup>®</sup> DC-920 Admix

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

Recommended Use                Sealing cement

Product category                 PC10 - Building and construction mixtures not covered elsewhere

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

Supplier                              Humex<sup>®</sup> GmbH  
Ringstrasse 10a  
DE-54518 Esch  
Phone:                                +49 (0)6508 917 98 03  
Fax:                                    +49 (0)6508 917 98 05

Humex<sup>®</sup> GmbH  
Untermattweg 38  
CH-3027 Bern  
Phone:                                +41 (0)32 614 2 614  
Mail                                    info@humex.eu

#### 1.4 Emergency telephone number

Emergency telephone number    Chemtrec:            +1 703-527-3887 ex-USA  
Chemtrec:            +1-800-424-9300 USA

Europe                                112  
Austria                                +43 1 406 43 43  
Belgium                                Poison center (BE): +32 70 245 245 Poison control Hotline DK  
Denmark                                Poison control hotline (DK): +45 82 12 12 12  
Finland                                 Poison information center (FI):+358 9 471 977  
France                                 ORFILA (FR): + 01 45 42 59 59  
Germany                                Poison center Berlin (DE): +49 030 30686 790  
Poison center nord: +49 551 19240 (24h available English / German)  
Ireland                                 National poisons information centre (IE): +353 1 8379964 / + 353 1 8092566  
Iceland                                 +354 543 2222  
Italy                                     Poison center, Milan (IT): +39 02 6610 1029  
Luxembourg                            112  
Netherlands                            National poisons information Center (NL): +31 30 274 88 88 (NB: service only available to health professionals)  
Norway                                 Poisons information (NO):+ 47 22 591300  
Portugal                                Poison information center (PT): +351 21 330 3284  
Spain                                    Poison information service (ES): +34 91 562 04 20  
Sweden                                 Poisons information center (SV):+46 8 33 12 31  
Switzerland                            Poison Center: Tel 145; +41 44 251 51 51  
United Kingdom                      111 / 0300 020 01 55

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

### 2.2 Label elements



Signal Word  
Danger

#### Hazard Statements

H315 - Causes skin irritation

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

#### Precautionary Statements - EU (§28,1272/2008)

P102 - Keep out of reach of children

P261 - Avoid breathing dust

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 present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P312 - Call a POISON CENTER or doctor if you feel unwell

Contains PORTLAND CEMENT Cr+VI<2ppm

#### Special labeling of certain preparations

Contains cement low in chromate according to EN 196-10

### 2.3. Other Hazards

No information available

## 3. Composition/ information on ingredients

### 3.1 Substances

This product is a mixture. Health hazard information is based on its components.

### 3.2 Mixtures

#### Chemical nature

Mixture of cement, quartz sand and additives.

Chemical Name	EC-No	CAS No.	Weight-%	Classification (1272/2008/EC)	REACH Registration Number
PORTLAND CEMENT Cr+VK2ppm	266-043-4	65997-15-1	25-50	STOT SE 3 (H335) Skin Irrit.2(H315) Eye Dam. 1 (H318)	no data available
SILICA SAND	238-878-4	14808-60-7	25-50	no data available	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

## 4. First Aid Measures

### 4.1 Description of first-aid measures

General advice	Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Inhalation	Move to fresh air. Call a physician if irritation develops or persists. If breathing is irregular or stopped, administer artificial respiration.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Ingestion	Gently wipe or rinse the inside of the mouth with water. Drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Protection of First-aiders	Use personal protective equipment.

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

Symptoms	Eye irritation. Irritating to respiratory system and skin.
----------	--

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

Notes to physician	Treat symptomatically.
--------------------	------------------------

## 5. Fire-Fighting Measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, The product itself does not burn, Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

#### Extinguishing media which shall not be used for safety reasons

High volume water jet.

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

No hazardous decomposition products are known.

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

## 6. Accidental Release Measures

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

Personal precautions Use personal protective equipment. For personal protection see section 8.

Advice for emergency responders For personal protection see section 8.

### 6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. See Section 12 for additional Ecological information.

### 6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically and collect in suitable container for disposal. Clean up promptly by sweeping or vacuum.

### 6.4 Reference to other sections

See Section 8,13 for additional information.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling** Do not breathe vapors or spray mist. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

**Hygiene measures** When using, do not eat, drink or smoke.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.  
German storage class LGK 13

### 7.3 Specific end uses

**Specific use(s)** SU19 - Building and construction work

**Exposure scenario** No information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
PORTLAND CEMENT Cr+VI<2ppm 65997-15-1		TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>		TWA: 5 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	
SILICA SAND 14808-60-7		TWA: 0.15 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
PORTLAND CEMENT Cr+VK2ppm 65997-15-1	TWA: 1.25 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust Ceiling: 20 mg/m <sup>3</sup> total dust Ceiling: 10 mg/m <sup>3</sup> respirable dust	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>		
SILICA SAND 14808-60-7		TWA: 0.3 mg/m <sup>3</sup> total dust TWA: 0.1 mg/m <sup>3</sup> respirable dust Ceiling: 0.6 mg/m <sup>3</sup> total dust Ceiling: 0.2 mg/m <sup>3</sup> respirable dust	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>		TWA: 0.075 mg/m <sup>3</sup>
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
PORTLAND CEMENT Cr+VI<2ppm 65997-15-1		TWA: 10 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup>		TWA: 5 mg/m <sup>3</sup>	STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
SILICA SAND 14808-60-7	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 0.9 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	LLV: 0.1 mg/m <sup>3</sup>	TWA: 0.15 mg/m <sup>3</sup>	STEL: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>

TWA: Time weighted average  
STEL: Short term exposure limit  
LLV: Exposure Limit Values  
STV: Short Term Value

Derived No Effect Level (DNEL)	No information available
Predicted No Effect Concentration (PNEC)	No information available

## 8.2 Exposure controls

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye/Face Protection	Tightly fitting safety goggles. Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.
Hand Protection	Rubber/latex/neoprene or other suitable chemical resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Skin and body protection	Long sleeved clothing. Wear impervious gloves and/or clothing if needed to prevent contact with the material.
Respiratory protection	Effective dust mask. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Recommended Filter type	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	When using, do not eat, drink or smoke.
Environmental Exposure Controls	Prevent product from entering drains. Do not allow material to contaminate ground water system.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	Gray
Odor	None
Odor Threshold	No information available

Property	Values	Remarks
pH	11-13.5	(as aqueous solution)
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	approx. 1.5 g/l	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

### 9.2 Other information

Volatile organic compounds (VOC) content	None
Bulk Density	1.4 kg/l

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Avoid moisture.

### 10.5 Incompatible Materials

Acids

### 10.6 Hazardous Decomposition Products

None under normal use conditions.

## 11. Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

#### Product Information

Product does not present an acute toxicity hazard based on known or supplied information at the Product level.

Inhalation	Irritating to respiratory system.
Eye contact	Irritating to eyes. Risk of serious damage to eyes.
Skin contact	Irritating to skin,
Ingestion	May cause irritation.

#### Component Information

Skin corrosion/irritation	No information available
Serious eye damage/eye irritation	No information available
Respiratory or skin sensitization	No information available
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	No information available
Specific target organ systemic toxicity (single exposure)	No information available
Specific target organ systemic toxicity (repeated exposure)	No information available.
Target Organs	Eyes. Skin. Respiratory system. Lungs.
Aspiration hazard	No information available.

## 12. Ecological information

### 12.1 Toxicity

Ecotoxicity effects

Discharge to water will affect pH and harm aquatic organisms. Neutralization is normally necessary before waste water is discharged into water treatment plants

## 12.2 Persistence and deardability

No information available.

## 12.3 Bioaccumulative potential

No information available.

## 12.4 Mobility in soil

### Mobility in soil

No information available.

### Mobility

No information available.

## 12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

## 12.6 Other adverse effects

No information available.

## **13. Disposal Considerations**

### 13.1 Waste treatment methods

#### Waste from residues / unused

Products	If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
EWC Waste Disposal No	17 01 01, 15 01 05
Other information	According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

## **14. Transport Information**

### ADR

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

### IMDG

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code	No information available

### IATA

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

## 15. Regulatory information

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

#### National regulatory information

Germany WGK Classification Hazardous to water/Class 1

Denmark - MAL Factor 00-4

Chemical Name	French RG number	Title
PORTLAND CEMENT Cr+VI<2ppm 65997-15-1	RG 8, RG 10	~
SILICA SAND 14808-60-7	RG25	~

#### European Union

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers

#### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### Persistent Organic Pollutants

Not applicable

#### International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	Complies

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

### 15.2 Chemical Safety Assessment

No information available

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H335 - May cause respiratory irritation

H315 - Causes skin irritation

H318 - Causes serious eye damage



Prepared By Humex®  
Regulatory Affairs/ Product Safety

Revision Date 12-Jan-2019

Revision Note (M)SDS sections updated, 1, 8, 16.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**