

# EC safety data sheet

Trade name: VANDEX DPC INJECTION NO.2

Status: 02.08.2006

Product no.: 29

Version: 1.0.0 / GB

Date of printing: 01.09.2006

## 1.) Identification of the substance/preparation and company

### Product details

#### Trade name

**VANDEX DPC INJECTION NO.2**

#### Use

Ready-to-use liquid for injection into masonry to provide a barrier against rising damp

### Identification of the manufacturer / supplier

#### Address

Vandex Isoliermittel-Gesellschaft m.b.H.  
Industriestrasse 19-23  
21493 Schwarzenbek

Telephone no. +49 4151 89 15-0

Fax no. +49 4151 89 15 50

#### Information provided by / telephone

Tel. +49 41 51 89 15 31 (Laboratory, Vandex Isoliermittel GmbH, Germany)

Tel. +41 32 626 36 36 (Technical Department, Vandex International AG, Switzerland)

#### Emergency telephone number

GIZ Nord Poisons Centre, Germany

Phone: +49 551 19240

## 2.) Composition / information on ingredients

### Chemical characterization

Solution of the below mentioned components in water

### Hazardous ingredients

#### POTASSIUM HYDROXIDE

EC no. 215-181-3 Index no. 019-002-00-8 CAS no. 1310-58-3

Concentration > 0,5 < 1 %-b.w.

Classification C; R35 Xn; R22

Hazard symbols C R phrases 22-35

#### PROPAN-2-OL

EC no. 200-661-7 Index no. 603-117-00-0 CAS no. 67-63-0

Concentration > 1 < 5 %-b.w.

Classification F; R11 Xi; R36 R67

Hazard symbols F, Xi R phrases 11-36-67

#### Potassium-methylsilanetriolate

EC no. 250-807-9 Index no. - CAS no. 31795-24-1

Concentration > 5 < 10 %-b.w.

Classification C; R35

Hazard symbols C R phrases 35

## 3.) Hazards identification

### Classification

C; R34 Causes burns.

### Hazard symbols

C Corrosive

### R phrases

34 Causes burns.

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## 4.) First aid measures

### General information

In case of persisting adverse effects consult a physician. Change contaminated, saturated clothing. If the patient is likely to become unconscious, place and transport in stable sideways position.

### After inhalation

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

### After skin contact

Wash off immediately with soap and water. Rinse with lots of water. Seek medical attention.

### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an oculist.

### After ingestion

Do not induce vomiting. Turn a vomiting person lying on his back onto his side. Rinse out mouth and give plenty of water to drink. Seek medical attention.

## 5.) Fire-fighting measures

### Suitable extinguishing media

Extinguishing measures to suit surroundings.

### Extinguishing media that must not be used for safety reasons

Full water jet

### Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

In case of combustion evolution of dangerous gases possible.

### Special protective equipment for firefighting

Use self-contained breathing apparatus. Wear full protective suit.

### Other information

Cool endangered containers with water spray jet. Collect contaminated firefighting water separately, must not be discharged into the drains.

## 6.) Accidental release measures

### Personal precautions

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

### Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

### Methods for cleaning up/taking up

Use chemical neutralising agents. Pick up with absorbent material (e.g., sand, kieselguhr, acid binder, universal binder, sawdust). Send in suitable containers for recovery or disposal. Clean contaminated surfaces thoroughly.

### Additional informations (chapter 6)

Information regarding Waste Disposal, see chapter 13.

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Avoid contact with skin and eyes. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed.

#### Advice on protection against fire and explosion

No special measures necessary.

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## Storage

### Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep only in the original container. Provide alkali-resistant floor.

Inappropriate material                      aluminium

### Advice on storage assembly

Do not store together with acids.

### Further information on storage conditions

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

## 8.) Exposure controls / personal protection

### Exposure limit values

#### POTASSIUM HYDROXIDE

CAS no.    1310-58-3

EC no.    215-181-3

#### Occupational Exposure Standards (OESs) / EH40

Potassium hydroxide

STEL    2                      mg/m<sup>3</sup>

#### PROPAN-2-OL

CAS no.    67-63-0

EC no.    200-661-7

#### Occupational Exposure Standards (OESs) / EH40

Propan-2-ol

TWA    999                      mg/m<sup>3</sup>    400                      ml/m<sup>3</sup>

STEL    1250                      mg/m<sup>3</sup>    500                      ml/m<sup>3</sup>

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn.

#### Hand protection

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 glove should be tested in any case for its specific work-station 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.

#### Eye protection

Tightly fitting safety glasses (EN 166)

#### Skin protection

Clothing as usual in the chemical industry.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale gases/vapours/aerosols. Have eye wash fountain available. Have emergency shower available.

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## 9.) Physical and chemical properties

### General information

Form	liquid
Colour	clear; light blue
Odour	odourless

### Important health, safety and environmental information

#### Changes in physical state

Type	Boiling point		
Value	appr.	100	°C

#### Flash point

Remarks	not applicable
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#### Density

Value	1,14	kg/l
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#### Solubility in water

Remarks	Completely miscible
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#### pH value

Value	11,8
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## 10.) Stability and reactivity

### Conditions to avoid

None, if handled according to order.

### Materials to avoid

Reactions with metals, with evolution of hydrogen. Reactions with acids.

### Hazardous decomposition products

No hazardous decomposition products known.

### Thermal decomposition

Remarks	No decomposition if used as prescribed.
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## 11.) Toxicological information

### Experience in practice

Product is caustic.

### Other information (chapter 11.)

Product specific toxicological data are not known.

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

## 12.) Ecological information

### General information / ecology

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## 13.) Disposal considerations

### Product

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

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## Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## 14.) Transport information

### Land transport ADR/RID

Class	8	Classification code	C5
Packaging group	II		
Hazard id. no.	80		
Label	8		
UN number	1719		
Technical name	Caustic alkali, liquid, n.o.s.		
Danger releasing substance	potassium-methylsilanetriolate		

### Marine transport IMDG

Class	8
Packaging group	II
UN number	1719
Proper shipping name	Caustic alkali liquid, n.o.s.
Danger releasing substance	potassium-methylsilanetriolate
EmS	F-A,S-B
Label	8

### Air transport ICAO/IATA

Class	8
Packaging group	II
UN number	1719
Proper shipping name	Caustic alkali liquid, n.o.s.
Danger releasing substance	potassium-methylsilanetriolate
Label	8

## 15.) Regulatory information

### Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC Directive 1999/45/EC.

### Hazard symbols

C Corrosive

### Hazardous component(s) to be indicated on label, contains:

POTASSIUM HYDROXIDE  
potassium-methylsilanetriolate

### R phrases

34 Causes burns.

### S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28.1 After contact with skin, wash immediately with plenty of water.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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## 16.) Other information

### **Sources of key data used to compile the data sheet:**

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

EC Directive 2001/58/EC as amended in each case.

EC Directive 2000/39/EC as amended in each case.

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.

### **Relevant R-phrases (chapter 2):**

- |    |   |
|----|---|
| 11 | Highly flammable.                           |
| 22 | Harmful if swallowed.                       |
| 35 | Causes severe burns.                        |
| 36 | Irritating to eyes.                         |
| 67 | Vapours may cause drowsiness and dizziness. |

### **Department issuing safety data sheet**

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