

# EC safety data sheet

Trade name: VANDEX MINERALIT

Status: 02.08.2006

Product no.: 30

Version: 1.0.0 / GB

Date of printing: 01.09.2006

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

### Product details

#### Trade name

**VANDEX MINERALIT**

#### Use

Surface hardening agent for concrete and cementitious materials

### 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

silicate solution

### Hazardous ingredients

#### PROPAN-2-OL

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

Concentration  $\leq$  1 %-b.w.

Classification F; R11 Xi; R36 R67

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

## 3.) Hazards identification

### Hazard symbols

- N O N E

### Particular information pertaining specific risk for human / environment

The product does not require a hazard warning label in accordance with Directive 1999/45/EC. But please observe the information given in this safety data sheet.

## 4.) First aid measures

### General information

In case of persisting adverse effects consult a physician. Change contaminated, saturated clothing.

### After inhalation

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

### After skin contact

Rinse with plenty of water.

### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

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## After ingestion

Do not induce vomiting. Drink plenty of water. Call a doctor.

## 5.) Fire-fighting measures

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

None known

### Other information

Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

## 6.) Accidental release measures

### Personal precautions

Refer to protective measures listed in sections 7 and 8.

### 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, sawdust, general-purpose binder). When picked up, treat material as prescribed under heading "Disposal considerations".

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Observe the usual precautions for handling chemicals.

#### Advice on protection against fire and explosion

No special measures necessary.

### Storage

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Advice on storage assembly

Do not store together with acids.

#### Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

## 8.) Exposure controls / personal protection

### Exposure limit values

#### 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. In case of aerosol and mist formation, take appropriate measures for breathing

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protection in the event workplace threshold values are not specified.

## 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

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. Remove soiled or soaked clothing immediately.

## 9.) Physical and chemical properties

### General information

Form	liquid
Colour	colourless
Odour	odourless

### Important health, safety and environmental information

#### Changes in physical state

Type	Boiling point		
Value	appr.	100	°C

#### Flash point

Remarks not applicable

#### Density

Value 1,14 kg/l

#### Solubility in water

Remarks miscible

#### pH value

Value appr. 11,5

## 10.) Stability and reactivity

### Conditions to avoid

Corrosive to metals.

### Materials to avoid

Strong exothermic reaction with acids.

### Hazardous decomposition products

No hazardous decomposition products known.

## 11.) Toxicological information

### Experience in practice

Regular contacts specially after drying, can lead to skin and eye irritation.

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## 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.

### 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

### Other information (chapter 14.)

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

## 15.) Regulatory information

### Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC Directive 1999/45/EC.

### Hazard symbols

-

N O N E

### Special labelling for certain preparations

"Safety data sheet available for professional user on request."

## 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.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

### Department issuing safety data sheet

UMCO Umwelt Consult GmbH

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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.