

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : deconex 25 ORGANACID  
Version : 27.09.2011 8.0.0  
Revision : 27.09.2011

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

### 1.1 Product identifier

deconex 25 ORGANACID

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

**Relevant identified uses**

Neutralizer

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

#### Manufacturer/Supplier

Borer Chemie AG

**Street :** Gewerbestrasse 13  
**Postal code/city :** 4528 Zuchwil / Schweiz  
**Telephone :** + 41 32 686 56 00  
**Telefax :** + 41 32 686 56 90  
**Information contact :** +49 180 332 6639/product.safety@borer.ch

### 1.4 Emergency Telephone Number

Swiss Toxicological Information Centre +41 44 251 51 51

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Irritating to eyes.  
Xi ; R 36

### 2.2 Label elements

#### Labelling (67/548/EEC or 1999/45/EC)

**Hazard symbols and hazard statements of dangerous substances and preparations**



Xi ; Irritant

#### R-phrases

36 Irritating to eyes.

#### S-phrases

35 This material and its container must be disposed of in a safe way.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
25 Avoid contact with eyes.

### 2.3 Other hazards

None

## 3. Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

CITRIC ACID ; EC No : 201-069-1; CAS No. : 77-92-9  
Weight fraction : 30 - 100 %  
Classification 67/548/EEC : Xi ; R36  
Classification 1272/2008 [CLP] : Skin Corr. 1C ; H314

#### Additional information

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

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## 4. First aid measures

### 4.1 Description of first aid measures

#### After inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### In case of skin contact

Wash away with soap and water and rinse. Call a physician immediately.

#### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. 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

Do not induce vomiting. Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

No information available.

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

None

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray

#### Unsuitable extinguishing media

None known.

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

Fire generates toxic gases. Fire generates toxic gases.

### 5.3 Advice for firefighters

None

## 6. Accidental release measures

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

Take the precautions customary when handling chemicals.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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

None

### 6.4 Reference to other sections

None

## 7. Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

#### Protective measures

##### Fire prevent measures

No anti-explosion measures necessary.

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## 7.2 Conditions for safe storage, including any incompatibilities

### Hints on storage assembly

Storage class : 12

### Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

## 7.3 Specific end use(s)

None

## 8. Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protective equipment

##### Eye / face protection

Eye glasses with side protection

##### Skin protection

###### Hand protection

In full contact: Glove material: nitrile rubber Layer thickness: 0.11 mm Breakthrough time: > 480 Min. In splash contact: Glove material: nitrile rubber Layer thickness: 0.11 mm Breakthrough time: > 480 Min. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

###### Body protection

Suitable protective clothing : Light protective clothing.

##### Respiratory protection

Use suitable respiratory protective device (A2-P2) when aerosol is formed.

#### General health and safety measures

Keep away from food, drink and animal feeding stuff

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state : liquid

Colour : clear colourless

#### Odour

characteristic

#### Safety relevant basis data

Boiling temperature / boiling range :	( 1013 hPa )	100	°C	
Flash point :				not applicable
Vapour pressure :	( 50 °C )			No data available
Density :	( 20 °C )		1.2	g/cm <sup>3</sup>
Solvent separation test :	( 20 °C )			No data available
Water solubility :	( 20 °C )		100	g/l
pH value :	( 20 °C / 10 g/l )	ca.	3	
Flow time :	( 20 °C )			No data available
Viscosity :	( 20 °C )			No data available

### 9.2 Other information

None

## 10. Stability and reactivity

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## 10.1 Reactivity

No information available.

## 10.2 Chemical stability

No information available.

## 10.3 Possibility of hazardous reactions

No information available.

## 10.4 Conditions to avoid

Thermal decomposition above 230 °C.

## 10.5 Incompatible materials

Keep away from alkaline materials in order to avoid exothermic reactions.

## 10.6 Hazardous decomposition products

No information available.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 15.4 g/kg

## 12. Ecological information

### 12.1 Toxicity

#### Effects in sewage plants

Parameter :	Chemical oxygen demand (COD)
Effective dose :	360 g/kg

### 12.2 Persistence and degradability

#### Biodegradation

Analytical method :	Biodegradability according to OECD
Degradation rate :	> 90 %

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Further ecological information

None

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

Recycle according to official regulations.

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### Waste codes / waste designations according to EWC / AVV

#### Waste code product

Waste code (91/689/EEC) : 06 01 06\*

## 14. Transport information

### 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

No dangerous good in sense of this transport regulation.

### 14.6 Special precautions for user

None

## 15. Regulatory information

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

#### National regulations

##### Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

### 15.2 Chemical safety assessment

No information available.

## 16. Other information

The user is responsible for the observance of all required statutory provisions.

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

### 16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H314 Causes severe skin burns and eye damage.

36 Irritating to eyes.

### 16.6 Training advice

None

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

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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.

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