



# Safety Data Sheet

747754/03

Date of issue: December 20, 2006

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Revised: December 19, 2006

## HUMIDITY INDICATOR-CARDS

### 6. Accidental release measures (Continuation)

Environmental protection measures:

Do not empty into drains or waters.

Methods for cleaning up/taking up:

Take up mechanically. Fill into labelled, sealable containers. Note German Technical Regulation on Dangerous Substances No 200/201.

further information:

none

### 7. Handling and storage

Handling

Information on safe handling:

none

Information on fire and explosion prevention:

Keep away from sources of ignition.

Storage

Requirements on storerooms and containers:

The Wasserhaushaltsgesetz (Water Resources Management Act) and the relevant Landeswassergesetz (local waste water legislation) and the Regulations on Plants for Storing, Filling and Transportation of Substances which are Hazardous to Water must be observed.

Information on common storage:

Observe the rules contained in the VCI concept for separate/common storage. Observe official regulations.

Further information on storage conditions:

Keep in sealed containers in a dry place.

storage class according to VCI (Association of the German Chemical Industry): 11

### 8. Exposure controls/Personal protection

For exposure controls see Chapter 15.

Hand protection:

Suitable materials for safety gloves:

e.g. Natural rubber, nitrile rubber, butyl rubber

Details of material thickness and breakthrough time:

Not applicable for non-dissolved solids / dusts.

### 9. Physical and chemical properties

tested in accordance with

Form: thin flakes

Colour: pink-coloured to blue

Odour: odourless

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<p><b>9. Physical and chemical properties</b> (Continuation) tested in accordance with</p> <p>pH value: 4,5 - 6 Vapour pressure: not relevant Density: not determined Solubility in water: max. 600 ppm CoCl<sub>2</sub> can be dissolved out</p>
<p><b>10. Stability and reactivity</b></p> <p>Conditions to avoid: hygroscopic</p> <p>Substances to avoid: alkali metals</p> <p>Hazardous decomposition products: none</p> <p>further information: none</p>
<p><b>11. Toxicological information</b></p> <p>Toxicological studies on the product are not yet available.</p>
<p><b>12. Ecological information</b></p> <p>Ecotoxicological studies of the product are not available.</p>
<p><b>13. Disposal considerations</b></p> <p>Unused material: reuse if possible. Address manufacturer.</p> <p>Or:</p> <p>May be disposed of in approved landfills provided local regulations are observed.</p>
<p><b>14. Transport information</b></p> <p>GGVSE: -- UN: -- PG: -- RID/ADR: -- UN: -- PG: -- Warning sign: Hazard no. - --- UN No.: ---- ADNR: -- UN: -- PG: -- GGVSee/IMDG Code: -- UN: -- PG: -- MPO: -- ICAO-TI/IATA-DGR: -- UN: -- PG: -- Declaration for land shipment: -- Declaration for sea shipment: -- Declaration for shipment by air: -- Other information: Not dangerous cargo. Keep separated from foodstuffs.</p>

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### \*15. Regulatory information

No labelling is required in accordance with the EC directives.

Contains cobalt dichloride. May produce an allergic reaction.

German regulations

TRGS 900 "Occupational Exposure Limits":

thresholds: not established

General dust tolerance limit:

3 mg/m<sup>3</sup> (dust capable of penetrating the alveoli)

10 mg/m<sup>3</sup> (respirable dust)

Note remarks

Handling restrictions: none

Major accidents regulations: not listed in the appendices

Technical Instruction on Air Pollution Control:

Figure 5.2.1

total dust

Water pollution class (WPC) 1: slightly hazardous to water

(VwVwS addendum 4)

Observe national regulations.

### \*16. Other information

Text of all R phrases referred to in sections 2 and 3:

R 49: May cause cancer by inhalation.

R 22: Harmful if swallowed.

R 42/43: May cause sensitization by inhalation and skin contact.

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The presented Safety Data Sheet has been altered.

The reason for the alteration is as follows:

revised text (see chapter 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15 and 16)

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.

Replaces version dated: May 4, 2004