

# Material Safety Data Sheet:

## Cobalt Dichloride Free Humidity Indicator Card

### \*1 Product / Corporate Identity

Cobalt Dichloride Free Humidity Indicator Card

Application: Humidity Indicating

Wisesorbent Technology LLC

11 E Stow Rd, Marlton, NJ 08053, USA

+1 856-872-7713/7714 +1 800-272-5238

### \*2 Composition Information

Printed Fiber Paper

Weight Percentage %: >97%

CAS No.:

-- EINECS No.: --

Risk Term:

-- Hazard Mark: --

Sodium Sulfo cyanate (NaSCN)

Weight Percentage %: <1%

CAS NO.: 540-72-7

EINECS No.: 208-754-4

Hazard Mark: Xn

Risk Term: R20/21/22, R32, R52/53

Safety Term: S13, S36, S61

Cobalt Sulfate

Weight Percentage %: <2%

Safety Term: S22, S45, S53, S60, S61

CAS NO.: 7791-13-1

EINECS No.: 231-589-4

Hazard Mark: N, T

Risk Term: R22, R49, R42/43, R50/53

### \*3 Hazard Summary

Hazard description: May cause irritation to eye and skin.

Inhalation: N/A

Ingestion: Irritation.

Skin Contact: Irritation.

Eye Contact: Irritation.

Chronic Contact: N/A



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#### \*4 Emergency Measures

Inhalation: Not applicable

Ingestion: Drink plenty of water; consult doctor immediately if feeling unwell.

Skin Contact: Rinse with water.

Eye Contact: In case of eye contact, immediately rinse with plenty of water for at least 15 minutes.

If irritation still exists, get medical attention.

#### \*5 Fire Protection Measures

Flammability: Combustible, does not product hazardous gas.

Fire extinguishing agent: Use general extinguishing agent such as water, CO<sub>2</sub> etc.

Special Protection Equipment: Self-contained breathing apparatus for fire fighters

#### \*6 Leak Emergency Measures

Protective Measures for human body: N/A

Environmental Impact: Non-toxic, no special protection needed.

#### \*7 Operation and Storage

Transportation:

Secure operation information: Avoid dust, wear gloves if necessary. Keep container tightly enclosed.

Fire-proof and explosion-proof information: no information.

Storage:

Keep sealed and store in a cool and dry place. Do not store together with any volatile substances, acid, alkali, and salt.

#### \*8 Contact Controls / Personal Protection

Hand Protection: No special protection needed.

Respiratory Protection: No special protection needed.

Eye Protection: No special protection needed.

Body Protection: Wear appropriate protective clothing.

Engineering control: General Ventilation or local exhaust ventilation.



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#### \*9 Physicochemical Properties

Appearance: White fiber paper

Color: White (dot color changes from blue to pink)

Odor: Odorless

Ration:  $294 \pm 15 \text{ g/m}^2$

Ink Absorption: Takes less than 50s to absorb 1ml ink.

Melting point: Unknown

Boiling point: Unknown

Flammability: Combustible

Ignition Temperature:  $300^\circ\text{C}$

Spontaneous flammability: Unknown

Soluble Substance Content:  $< 2.0 \%$

Self-ignition temperature: N/A

#### \*10 Stability and Reactivity

Stability: Stable under ordinary use and storage conditions.

Conditions to be avoided: Water

Hazardous Decomposition Products: CO, CO<sub>2</sub>.

Hazardous Polymerization: None.

Incompatibilities: Strong oxide, acid, alkali, salt.

#### \*11 Toxicological information

No data.

#### \*12 Ecological Information

No data.

#### \*13 Waste Disposal

Regular waste disposal or bury or consult local environment protection department.

#### \*14 Transportation



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#### Cautions During Transportation:

Do not damage the package by pressing, falling

Transit should be protected from light and  
moisture

#### \*15 Applicable Law and Regulation

None

#### \*16 Other Information

None

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

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