



SAFETY DATA SHEET

File No.: 0001
Date Revised: 6/10/21
Revision No: 5

Cobalt Dichloride Free Reversible Humidity Indicator Card

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Cobalt Dichloride Free Reversible Humidity Indicating Card
CHEMICAL NAME: Cobalt Bromide on Cellulose Blotter Paper
USE OF SUBSTANCE: Humidity Indicator

MANUFACTURER: Desiccare Inc.
3930 W. Windmill Lane, Suite 100
Las Vegas, NV 89139

EMERGENCY PHONE: 1-909-444-8272
CHEMTREC PHONE: 1-800-262-8200

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview Paper treated with chemical, poses little hazard.

Expected Route of Entry

Inhalation: Route of exposure unlikely
Skin Contact: No adverse effects expected, sensitive individuals may develop irritation
Eye Contact: Route of exposure unlikely, rubbing eyes after handling material may cause irritation
Use proper chemical hygiene should prevent exposure.

Ingestion: Route of exposure unlikely
Skin Absorption: Route of exposure

Health effects of Exposure to Cobalt Dibromide on Cellulose Blotter Paper: not hazardous, may cause irritation (see above)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: The HIC is an article containing Blotting Paper (>99.5%), Cobalt Bromide (<0.25%) Black Ink (<0.24%). Note Cobalt Thiocyanate (<0.01%) is added in addition to the 60% spot card spot only. This is to provide color contrast.

PRESERVATIVES AND SOLVENTS: None
OTHER GASES AND LIQUIDS: None

SECTION 4: FIRST AID MEASURES

EYES: Do not rub eyes. Flush with plenty of water or eye wash solution for 5 minutes. While holding the eyelid open. Get medical attention if irritation persists.

SKIN: Wash with soap and water.

INGESTION: No emergency care is anticipated. Wash out mouth with water.

INHALATION: No emergency care is anticipated. Remove to fresh air

SECTION 5: FIRE-FIGHTING MEASURES

FLASHPOINT AND METHOD:	Material is not flammable
EXTINGUISHING MEDIA:	Use extinguishing agent applicable to surrounding fire.
FIRE FIGHTING PROCEDURES:	As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SMALL SPILL:	No special precautions required.
LARGE SPILL:	With shovel or scoop, place material in to appropriate container.

SECTION 7: HANDLING AND STORAGE

HANDLING:	Use of proper hygiene practices in the workplace is recommended.
STORAGE:	Store in a dry area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Handling Precautions:**

HIC Cards can be handled by hand. Keep indicating cards away from liquids the indicating spot will leach into the liquid, and don't scratch or abrade the indicating spots on the card. Don't subject card to 95% or greater humidity, the indicating spot can become solubilized if dew point is achieved.

RESPIRATORY PROTECTION:	None required.
EYE PROTECTION:	None required.
SKIN PROTECTION:	None required, avoid handling indicating spot.
WORK HYGIENIC PRACTICES:	Normal work and hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Dry blotter paper with non-dusting fibers and dry non-dusting solid indicating spots
ODOR:	None
COLOR/SHAPE:	Blue spot on white card, Spots can turn pink in the presence of humidity.
PERCENT VOLATILE	Not Applicable
VAPOR PRESSURE, VAPOR DENSITY:	Not Applicable
OXIDIZING PROPERTIES:	None

SECTION 10: STABILITY AND REACTIVITY

STABLE:	Yes
HAZARDOUS POLYMERIZATION:	No
CONDITIONS FOR STORAGE:	Store in dry ambient environment. Store in original container. Keep tightly closed and dry
CONDITIONS TO AVOID:	Keep indicating cards away from liquids the indicating spot will leach into the liquid, and don't scratch or abrade the indicating spots on the card. Don't subject card to 95% or greater humidity, the indicating spot can become solubilized if dew point is achieved.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY::	LD50 (rat) 460 mm/kg (rat) have been reported for Cobalt Bromide
HEALTH EFFECTS:	May cause mild skin irritation in some individuals

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: HIC's contain miniscule amounts of Cobalt Bromide which is solubilized in water. Keep out of ground water, waste water, waterways

CHEMICAL FATE INFORMATION: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in solid waste disposal containers according to local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED: DOT (Department of Transportation), Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG), Canada Transport of Dangerous Goods

HAZARD CLASS NA

UN NUMBER NA

SECTION 15: REGULATORY INFORMATION

NOT REGULATED SARA Title III, CERCLA, TSCA, California Proposition 65
Humidity Indicating Cards are considered an article and are not on the TSCA inventory list

SECTION 16: OTHER INFORMATION

HMIS RATING: 0 Health, 0 Flammability, 0 Physical Hazard , No Personal Protection Required for handling HIC's. Personal Protection should be determined based on workplace conditions

NATIONAL FIRE PROTECTION ASSOCIATION (USA) 0 Health, 0 Flammability, 1 Reactivity

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.