

Issue Date: 15 Jan 2026

RE-ISSUED by Labco Scientific

Product Name Cobalt chloride paper

Classified as hazardous

## 1. IDENTIFICATION

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### GHS Product Identifier

Cobalt chloride paper

### Product Code

STR-035-2

### Company Name

Labco Scientific Pty Ltd

### Address

PO Box 5816 Brendale

QLD 4500 Australia

### Telephone Number

1800 052 226

### Emergency Phone Number

13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

### Recommended use of the chemical and restrictions on use

Product for analytical use.

Exposure Scenario Classification according REACH, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0

The exposure scenario is integrated into sections 1-16.

If CE labelling: Product for in-vitro-diagnostic use (IVD) or Accessory for medical use

## 2. HAZARD IDENTIFICATION

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### GHS classification of the substance/mixture

This material is hazardous according to the criteria of Safe Work Australia GHS 7 and GHS 8

### Signal Word (s)

Danger

### Hazard Statement (s)

H317: May cause an allergic skin reaction

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H341: Suspected of causing genetic defects

H350i: May cause cancer by inhalation

H360F: May damage fertility

### Pictogram (s)



### Precautionary statement - Prevention

P201 - Obtain special instructions before use

P261sh - Avoid breathing dust/fume/gas/mist/vapours/spray

P280sh - Use personal protective equipment as required

**Precautionary statement - Response**

P342 + 311 - IF experiencing respiratory symptoms, call a poison centre or doctor.

**Precautionary statement - Storage**

P405 - Store locked up

**Precautionary statement - Disposal**

P501 - Dispose of contents/container in accordance with local, regional, national and international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients**

Chemical: Cellulose

CAS No.: 7646-79-9

Classification: No criteria for classification or naming of chemical not required

Formula: (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>

TSCA Inventory: Listed

REACH Reg. No.: Exempt, Annex IV

EC No.: 232-674-9

RTECS: FJ5691460

KE No.: KE-05339

Concentrations: 1-<10%

Acc. CLP (GHS): The criteria for classification are not fulfilled

Chemical: Cobalt (II) chloride

CAS No.: 7646-79-9

Classification: No criteria for classification or naming of chemical not required

TSCA Inventory: All listed

KE No.: Listed

Concentration: >2-<5%

Acc. CLP (GHS): The criteria for classification are not fulfilled

### 4. FIRST-AID MEASURES

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If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation**

Remove casualty from area of exposure. Obtain medical attention for any breathing difficulty. Give Dexamethazone spray as soon as possible.

**Ingestion**

Give copious amounts of water to drink. Do not induce vomiting. Seek medical attention.

**Skin**

Remove contaminated clothing. Wash with soap and water. If irritation develops seek medical attention.

**Eye contact**

Flush eyes thoroughly with gently running water for at least 15 minutes. If irritation develops seek medical attention.

**Other Information**

No additional recommendations

### 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

Fire extinguishers appropriate to the fire classification and if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like Foam, Water Spray, Dry Powder, Carbon Dioxide can be used.

**Advice for firefighters**

Water can be used to cool containers and disperse vapours. If a large amount of the material enters rivers, water courses or sewers the appropriate authority should be informed. Firefighters must wear protective equipment and clothing sufficient to prevent inhalation of dust or fumes and contact with skin and eyes.

#### **Specific Hazards Arising From The Chemical**

None

#### **Other Information**

None

## **6. ACCIDENTAL RELEASE MEASURES**

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

Wear suitable protective clothing i.e. gloves and eye protection. Do not inhale vapours or dust. Ensure adequate ventilation.

#### **Environmental precautions**

None, as product contains small amounts of chemical.

#### **Methods and material for contamination and cleaning**

Clean up personnel should be trained in the handling of hazardous chemicals and should wear protective equipment and clothing sufficient to prevent inhalation of dust, mist or fumes and contact with skin and eyes.

## **7. HANDLING AND STORAGE**

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#### **Precautions for Safe Handling**

Exposure by inhalation or skin contact should be minimised by good industrial hygiene practice. Wear protective clothing as described under exposure controls/personal protection. Wash hands after handling. Follow instructions on pack.

#### **Conditions for Safe Storage, Including any Incompatibilities**

The original product packaging of Test Papers allows safe storage.

Storage Class (VCI): 11

#### **Requirements for stock rooms and containers**

Keep original product packaging tightly closed during handling and storage.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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#### **Control parameters**

Chemical: Cellulose

CAS No.: 9004-34-6

NIOSH: TWA 10 (total)/5 (resp) mg/m<sup>3</sup>

[TWA] Time-weighted average to a reference period of 8 hours, [STEL] Short-term exposure limit related to a 15 minute period

OSHA: TWA 15 (total)/5 (resp) mg/m<sup>3</sup>

Chemical: Cobalt (III) chloride

CAS No.: 7646-79-9

NIOSH: TWA 0.05 mg/m<sup>3</sup>

[TWA] Time-weighted average to a reference period of 8 hours, [STEL] Short-term exposure limit related to a 15 minute period

#### **Exposure Controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If necessary, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below applicable exposure limits.

#### **Respiratory Protection**

The airborne concentration should be kept as low as possible by appropriate ventilation and collection methods.

#### **Eye Protection**

Goggles or face shield. Ensure eye bath is to hand.

#### **Hand Protection**

Rubber or neoprene gloves.

### Body Protection

Other protective clothing, apron, sleeves, coveralls, boots sufficient to prevent contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Information on basic physical and chemical properties

Appearance: Solid

Colour (when hydrated): Pink

Colour (when dry): Blue

Odour: Odourless

### Other Information

None.

## 10. STABILITY AND REACTIVITY

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### Reactivity

No data available.

### Chemical Stability

No known instability under standard ambient conditions (room temperature).

### Conditions to Avoid

No data available.

### Incompatible Materials

Avoid contact with strong concentrated acids and alkalis.

### Possibility of hazardous reactions

No data available.

### Hazardous decomposition products

In the original packaging all parts/all reagents are safely and separately stored. Decompositions are not observed during the expiration period under the recommended conditions.

## 11. TOXOLOGICAL INFORMATION

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### Toxicology Information

The following information is valid for the pure substance. Quantitative data on the toxicity of this product is not available

Chemical:	Cellulose	CAS No.: 9004-34-6
TSCA Inventory:	listed	
California Proposition 65 list:	not listed	
Exposure Routes:	inhalation, skin, and/or eye contact	
Target Organs:	eyes, skin, respiratory system	
Symptoms:	irritated eyes, skin, mucous membrane	
Australia NICNAS:	not listed	
Canada CEPA 1999:	DSL yes	
Japan CSCL/PRTR:	not listed	
Japan PDSCL:	not listed	
Japan IHSL:	not listed	
South Korea TCCA:	not listed	
Korea Exist. Chem. Inventory:	KE-05339	
LD50 <sub>orl</sub> rat:	>5000 mg/kg	

LD50 <sub>ihl rat</sub> :	>5800 <sub>4h</sub> mg/m <sup>3</sup>	
LD50 <sub>drm rbt</sub> :	>2000 mg/kg	
Chemical:	Cobalt (II) chloride	CAS No.: 7646-79-9
TSCA Inventory:	all listed	
Korea Exist. Chem. Inventory:	listed	
LD50 <sub>orl rat</sub> :	80 mg/kg	
LD50 <sub>drm rat</sub> :	2 g/kg	
IARC-2B-Group 2B:	Possible carcinogenic to humans (Cobalt dichloride hexahydrate)	

## 12. ECOLOGICAL INFORMATION

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### Persistence and Degradability

No data available.

### Bio Accumulative Potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Other Adverse Effects

Very toxic to aquatic life with long lasting effects.

## 13. DISPOSAL CONSIDERATIONS

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### Disposal Considerations

Please observe local regulations for collection and disposal of hazardous waste and contact waste disposal company, where you will obtain information on laboratory waste disposal.

## 14. TRANSPORT INFORMATION

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### Transport Information

Not classed as dangerous goods according to transport regulations (ADR, IATA or IMDG)

## 15. REGULATORY INFORMATION

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### Regulatory Information

Look for your country specific regulations

## 16. OTHER INFORMATION

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### Date of Preparation or Last Revision of SDS

20/03/2026

**END OF SDS**