

GHS Safety Data Sheet

SDS No. : COH02XAEG

Date Issued : 2019/04/09

Section 1. Identification of the substance or mixture and of the supplier

Product Information

Product name: CoC₂O₄ Cobalt(II) oxalate

Product	Purity	Form	Size or Shape
COH05XB	99%(2N)	Solid	—

Company Information:

Manufacturer : Kojundo Chemical Laboratory Co., Ltd.
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Recommended uses and restrictions on use: For research purposes

Section 2. Hazards identification

GHS Classification

Health Hazards	Environmental Hazards	Physical Hazards
Acute toxicity(Oral) : Category 4 Acute toxicity(Dermal) : Category 4 Respiratory sensitization: Category 1 Skin sensitization : Category 1 Carcinogenicity : Category 2	No data available	Flammable solids : Not classified Pyrophoric solids : Not classified Self-heating substances and mixtures : Not classified Substances and mixtures which, in contact with water, emit flammable gases : Not classified

GHS Label: C, W



Pictograms or symbols:

Warning word: **DANGER**

Hazard information	Description of precaution
Harmful if swallowed Harmful in contact with skin May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause an allergy skin reaction Suspected of causing cancer	Obtain special instructions. Read and understand all safety precautions before handling. Wear protective gloves/protective clothing/eye protection/respiratory protection/face protection during handling. Avoid breathing dust/mist/gas/fume/vapors/spray. Do not eat, drink or smoke when using this product, and wash hands thoroughly after handling. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. IF ON SKIN: Remove immediately all contaminated clothing and rinse skin with water/shower. Then wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. Store locked up. Dispose of contents/ container in accordance with local/national regulations.



High Purity Materials

KOJUNDO CHEMICAL LABORATORY CO.,LTD.

Section 3. Composition / information on ingredients

Chemical or common name:	Cobalt(II) oxalate
Synonyms:	Cobaltous oxalate
Chemical formula:	CoC ₂ O ₄
Single Substance or Compound:	Single substance
Composition:	100%
CAS #:	814-89-1
RTECS#:	Not listed
TSCA inventory :	Listed
EINECS:	2124093

Section 4. First aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Promptly flush contaminated skin with soap or mild detergent and water. Contact physician if irritation continues.
Inhalation:	Remove the exposed person immediately and provide fresh air. Get medical attention.
Ingestion:	Rinse mouth and throat with water. Get medical attention immediately.

Section 5. Fire fighting measures

Extinguishing media:	Use media appropriate for surrounding fire.
Fire fighting:	Combustible substance, poorly flammable. In case of fire, the product may liberate toxic fume or gases. Self-contained breathing apparatus and full protective clothing should be used, if the material is involved in fire

Section 6. Accidental release measures

Personal Precautions:	Workers should use protective wears to prevent contact with the spilt adhesive and inhalation of its vapor/dusts.
Environmental hazard precautions:	Shut off leak if without risk. Prevent flow out to river, etc. so as not to badly affect.
Method for containment and cleaning up:	Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd. Gather up, pack in closed container as much as possible. Carefully collect remnant and move to a safe place.

Section 7. Handling and storage

Precautions to be taken in handling:

Safe handling:	Use protective wears and local ventilation equipment, if inhalation or skin contact is foreseen. Avoid prolonged or repeated exposure.
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Precautions to be taken in storage:

General precautions:	Store the material in a sealed container. Store in a cool, dry, well ventilated and dark place away from incompatible materials.
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Section 8. Exposure controls / personal protection

Exposure guideline: ACGIH(2013) : No data available
 OSHA(2006) : No data available

Facility measures: Local ventilation of closed work room or total proper ventilation to prevent inhalation.

Protective ware: Wear appropriate NIOSH/MSHA-approved respirator, safety goggles, protective gloves.

Section 9. Physical and chemical properties

Appearance: Light pink solid.

Chemical formula: CoC₂O₄

Formula weight: 147.0

Melting point: 250 °C (decomposes)

Solubility in water: Practically insoluble in water.

Flammability: Combustible substance, poorly flammable.

Oxidation: None

Section10. Stability and reactivity

Stability: Stable in closed container under room temperature.

Reactivity

Condition to avoid: Heat and moisture

Incompatibility: Strong oxidizing substance

Section11. Toxicological information

Acute toxicity(Oral): GHS : Category 4 ; Harmful if swallowed

Acute toxicity(dermal): GHS : Category 4 ; Harmful in contact with skin

Skin corrosive / irritation: GHS : No data available

Serious eye damage / irritation: GHS : No data available

Respiratory sensitization: GHS : Category 1 ; May cause allergy or asthma symptoms or breathing difficulties if inhaled

Skin sensitization: GHS : Category 1 ; May cause an allergy skin reaction

Germ cell mutagenicity: GHS : No data available

Carcinogenicity: GHS : Category 2 ; Suspected of causing cancer

Carcinogenicity:

Chemical Name	ACGIH(2013)	IARC(2018)	NTP(2016)
Cobalt compounds	A3	2B	—

ACGIH A3 Confirmed animal carcinogen with unknown relevance to humans.
 IARC 2B The agent is possibly carcinogenic to humans.

Reproductive toxicity: GHS : No data available

Specific target organ toxicity

— single exposure: GHS : No data available

— repeated exposure: GHS : No data available

Aspiration hazard: GHS : No data available

Section12. Ecological information

Ecotoxicity:

Hazardous to the aquatic environment

— acute toxicity: GHS : No data available

— chronic toxicity: GHS : No data available



Hazardous to the ozone layer	GHS : No data available No Freon or Halon
Fish toxicity:	No data available
Degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available

Section 13. Disposal considerations

Disposal method: User of the product should contract with the local government or licensed 'Industrial Waste Haulers' for disposal of waste.

Section 14. Transport information

UN classification:	Not hazardous
UN number:	None
HS code:	2917.11
Marine pollution:	None
Precautions:	Container should be transported in a secure position, in a well-ventilated vehicle.

Section 15. Regulatory information

TSCA inventory: Listed.

Please refer to any other local / national measures that may be relevant.

Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.

