

MATERIAL SAFETY DATA SHEET**Product Name:** COBALT (II) ACETATE TETRAHYDRATE**CAS No.:** 6147-53-1**Version:** 0**1. Identification**

Product Code : 90373
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2. Hazards Identification**Hazard classification**

Specific Target Organ Toxicity - Category 2

Single exposure

Hazardous to the aquatic environment - Acute hazard : Category 1

Label elements**Hazard symbol****Signal word** : Warning**Hazard statement** : May cause damage to organs.
Very toxic to aquatic life.**Precautionary statement** : Do not breathe dust, fume, gas, mist, vapours, spray.
Avoid release to the environment.
Wash thoroughly after handling.Do not eat, drink or smoke when using this product.
IF exposed or if you feel unwell: Call a POISON CENTER or doctor. Collect spillage.**Supplemental Hazard Statements** : None.**3. Composition/information on ingredients**

Ingredient	CAS No
COBALT (II) ACETATE TETRAHYDRATE	6147-53-1

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Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation

: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact

: Wash off with soap and plenty of water. Consult a physician.

Eye contact

: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Swallowed

: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

Most important symptoms and effects, both acute and delayed

: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed Treatment

: No data available

5. Fire fighting measures**Extinguishing media****Suitable extinguishing media**

: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

: Do not use a heavy water stream

Advice for firefighters

: Wear self contained breathing apparatus for fire fighting if necessary

Further information

: No data available

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

: Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions

: Do not let product enter drains.

Methods and materials for containment and cleaning up

: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

: For disposal see section 13.

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- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection**Control parameters****Components with workplace control parameters****Exposure controls**

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection : Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection Hand protection

: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.

Body Protection

: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

: Respiratory protection is required.

9. Physical and Chemical Properties

Appearance : Reddish violet deliquescent crystals.

Odor : No data available

pH : No data available

Melting point/freezing point : 298 °C - lit.

Initial boiling point and boiling range : No data available

Flash Point : No data available

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Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: No data available
Solubility in water	: Soluble in water
Solubility (other)	: No data available
Formula	: (CH ₃ COO) ₂ Co.4H ₂ O
Molecular Weight	: 249.08 g/mol

10. Stability and Reactivity

Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No data available
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological Information**Information on toxicological effects**

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No data available
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity - single exposure	: No data available
Specific target organ toxicity - repeated exposure	: No data available
Aspiration hazard	: No data available

12. Ecological Information

Toxicity	: Very toxic to aquatic life.
Persistence and degradability	: No data available
Bioaccumulative potential	: No data available

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	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT			Not dangerous goods		
IMDG			Not dangerous goods		
IATA			Not dangerous goods		

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date** :01/06/2014**Version** : 0

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