



CHEMOTECHNIQUE DIAGNOSTICS

SAFETY DATA SHEET

Chemo Cobalt Test™

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Chemo Cobalt Test™

Product no: CoT

REACH No: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Detection of free cobalt in metal objects.

1.3 Details of the supplier of the safety data sheet

Company: Chemotechnique MB Diagnostics AB
Modemgatan 9
SE-235 39 Vellinge

Phone: +46 (0)40-46 60 77

Fax: +46 (0)40-46 67 00

E-mail address: lab@chemotechnique.se

1.4 Emergency telephone number

Emergency Phone # Local emergency services

2 Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

This substance/mixture 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.

3 Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients according to Regulation (EC) No 1272/2008	w-%



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CAS-no 144-62-7 EC-no. 205-634-3	Oxalic acid Acute tox. Oral 4, Acute tox. Derm 4, Eye dam. 1; H302, H312, H318	5%
CAS-no 525-05-3 EC-no. 208-369-1	Disodium 3-hydroxy-4-nitrosonaphthalene-2,7-disulphonate Acute tox. Resp. 4, Acute tox. Oral 4, Acute tox. Dermal 4; H332, H312, H302	0.02%

For the full text of the H-Statements mentioned in this Section, see Section 16.

4 First aid measures

4.1 Description of first aid measures

General advice

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

In case of eye contact

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

In case of skin contact

Wash off with soap and plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

No data available

5.4 Further information

The product itself does not burn.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No data available

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up



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Wipe up with absorbent material (e.g. cloth, fleece).

6.4 Reference to other sections

For disposal see section 13.

7 Handling and storage

7.1 Precautions for safe handling

USE ON METALS ONLY.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid extended exposure to direct sunlight.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 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

Skin 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.

Respiratory protection

No special protective equipment required.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Clear, liquid Färg: Yellow
b) Odour	No data available
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available



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i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

10 Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames and sparks. Extreme temperatures and direct sunlight. Oxidizing agents.

10.5 Incompatible materials

No data available

Hazardous decomposition products

No data available. In the event of fire: see section 5

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.



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Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12 Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture 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.

12.6 Other adverse effects

No data available.

13 Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

14 Transport information



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14.1 UN-number

ADR-RID: IMDG: IATA:

14.2 UN proper shipping name

ADR-RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR-RID: IMDG: IATA:

14.4 Packaging group

ADR-RID: IMDG: IATA:

14.5 Environmental hazards

ADR-RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

15 Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16 Other information

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H332	Harmful if inhaled

Further information

Chemotechnique MB Diagnostics AB and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.