

- [Dossier preparation manuals](#)
- [Q&A](#)
- [Create support request](#)
- [IUCLID user community](#)
- [Additional information](#)
- [Video tutorials](#)

SuperUser EPA/ORD/CCTE/SCDCD

- User Settings
- Logout
- Dashboard
- Substances
- Cobalt bis(2-ethylhexanoate)

Filtered aggr_1

440a8848-e666-455c-ae83-6d488f7483ab

View Dossiers

Validate

- Export to i6z
- Extract to dataset
- Create component PDF/RTF
- Create document PDF/RTF
- Compare
- Generate report
- Dissemination preview

Type at least 3 characters

REACH Complete

Cobalt bis(2-ethylhexanoate)

- 1 General information
13
- 2 Classification & Labelling and PBT assessment
- 3 Manufacture, use and exposure
- 4 Physical and chemical properties
41
- 5 Environmental fate and pathways
157
- 6 Ecotoxicological information
276
- 7 Toxicological information
267
 - 561333ef-1b9c-40c2-a5fd-a4abfbfe2171
 - 7.1 Toxicokinetics, metabolism and distribution
61

- 7.2 Acute Toxicity
12
- 7.3 Irritation / corrosion
8
- 7.4 Sensitisation
7
- 7.5 Repeated dose toxicity
34
- 7.6 Genetic toxicity
68
- 7.7 Carcinogenicity
5
- 7.8 Toxicity to reproduction
22
 - 7.8.1 Toxicity to reproduction
13
 - fbbcc2ec-e8a1-4292-9333-99bb55ac0722
 - bb5617a5-5823-480f-a3a2-dd6db09fe8fc
 - b9374ef4-a211-4644-a130-fc02b94b304c
 - e6872eff-e4ed-4ee1-a353-bfaa8fc5fe42
 - 96da92ce-6c16-40a4-8ed1-a73c16b86288
 - 3deb3b95-d1d1-4d1e-a75d-cf46c0533858
 - c8b5bb79-2109-44c3-b771-cac9b199fd17
 - 31447017-0b94-4ad4-8465-ed83132ee384
 - 74ebfe82-7d1d-40c2-8ac4-d70f3f162051
 - 203a9a0d-7f90-4deb-8a09-3b5df6be90b3
 - 3bd735bc-7bc1-4d30-a725-7ab39f4ab8d2
 - ce6ccaff-77a4-47be-a2c7-a5051aea00ff
 - caa41bba-acf1-4078-870f-57607f56c612
 - 7.8.2 Developmental toxicity /
teratogenicity
9
 - 7.8.3 Toxicity to reproduction: other
studies
- 7.9 Specific investigations
3
- 7.10 Exposure related observations in humans
46
- 7.11 Toxic effects on livestock and pets
- 7.12 Additional toxicological information
- 8 Analytical methods
- 9 Residues in food and feedingstuffs
- 10 Effectiveness against target organisms
- 11 Guidance on safe use
- 12 Literature search
- 13 Assessment reports
- 14 Information requirements
- Inherited templates



- Compare Document

0

1

0

Administrative data

Data source

Materials and methods

Results and discussion

Overall remarks, attachments

Applicant's summary and conclusion

Administrative data

Endpoint

screening for reproductive / developmental toxicity

Type of information

experimental study

Adequacy of study

supporting study

☐ Robust study summary

☐ Used for classification

☐ Used for SDS

Study period

Reliability

1 (reliable without restriction)

Rationale for reliability incl. deficiencies

Data waiving

Justification for data waiving

Justification for type of information

Attached justification

Attached justification Reason / purpose Actions

Cross-reference

Reason / purpose for cross-reference Related information Remarks Actions

Data source

Reference

- study report | Unnamed | 2007 | 2007-12-10

Data access

Data protection claimed

Materials and methods

Test guideline

Qualifier Guideline Version / remarks Deviations Actions 1

Qualifier

according to guideline

Guideline

OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Version / remarks

Deviations

no

Principles of method if other than guideline

GLP compliance

yes

Limit test

no

Justification for study design

Test material

Test material information

- Unnamed | Unnamed | Cobalt, borate neodecanoate complexes | EC 270-601-2 | 68457-13-6
-

Additional test material information

Specific details on test material used for the study

Specific details on test material used for the study (confidential)

Test animals

Species

rat

Strain

other:

Details on species / strain selection

Sex

male/female

Details on test animals or test system and environmental conditions

Administration / exposure

Route of administration

oral: gavage

Type of inhalation exposure (if applicable)

Mass median aerodynamic diameter (MMAD)

Geometric standard deviation (GSD)

Remarks on MMAD

Vehicle

Details on exposure

Details on mating procedure

Analytical verification of doses or concentrations

Details on analytical verification of doses or concentrations

Duration of treatment / exposure

Frequency of treatment

Details on study schedule

Doses / concentrations

Dose / conc. Remarks Actions

No. of animals per sex per dose

Control animals

Details on study design

Positive control

Examinations

Parental animals: Observations and examinations

Oestrous cyclicity (parental animals)

Sperm parameters (parental animals)

Litter observations

Postmortem examinations (parental animals)

Postmortem examinations (offspring)

Statistics

Reproductive indices

Offspring viability indices

Any other information on materials and methods incl. tables

Results and discussion

Results: P0 (first parental generation)

General toxicity (P0)

Clinical signs

Description (incidence and severity)

Dermal irritation (if dermal study)

Description (incidence and severity)

Mortality

Description (incidence)

Body weight and weight changes

Description (incidence and severity)

Food consumption and compound intake (if feeding study)

Description (incidence and severity)

Food efficiency

Description (incidence and severity)

Water consumption and compound intake (if drinking water study)

Description (incidence and severity)

Ophthalmological findings

Description (incidence and severity)

Haematological findings

Description (incidence and severity)

Clinical biochemistry findings
effects observed, non-treatment-related

Description (incidence and severity)

Endocrine findings

Description (incidence and severity)

Urinalysis findings
not examined

Description (incidence and severity)

Behaviour (functional findings)
no effects observed

Description (incidence and severity)

Immunological findings
not examined

Description (incidence and severity)

Organ weight findings including organ / body weight ratios

Description (incidence and severity)

Gross pathological findings

Description (incidence and severity)

Neuropathological findings

Description (incidence and severity)

Histopathological findings: non-neoplastic

Description (incidence and severity)

Histopathological findings: neoplastic

Description (incidence and severity)

Other effects

Description (incidence and severity)

Reproductive function / performance (P0)

Reproductive function: oestrous cycle

Description (incidence and severity)

Reproductive function: sperm measures

Description (incidence and severity)

Reproductive performance

Description (incidence and severity)

Details on results (P0)

Effect levels (P0)

Key result Dose descriptor Effect level Based on Sex Basis for effect level Remarks on result Actions 1

☐ Key result

Dose descriptor

NOAEL

Effect level

5 mg/kg bw/day (actual dose received)

Based on

test mat.

Sex

female

Basis for effect level

Remarks on result

2

☐ Key result

Dose descriptor

NOAEL

Effect level

1.1 mg/kg bw/day (actual dose received)

Based on

element

Sex

female

Basis for effect level

Remarks on result

Target system / organ toxicity (P0)

Key result Critical effects observed Lowest effective dose / conc. System Organ Treatment related Dose response relationship Relevant for humans Actions 1

☐ Key result

Critical effects observed

no

Lowest effective dose / conc.

System

Organ

Treatment related

Dose response relationship

Relevant for humans

Results: P1 (second parental generation)

General toxicity (P1)

Clinical signs

Description (incidence and severity)

Dermal irritation (if dermal study)

Description (incidence and severity)

Mortality

Description (incidence)

Body weight and weight changes

Description (incidence and severity)

Food consumption and compound intake (if feeding study)

Description (incidence and severity)

Food efficiency

Description (incidence and severity)

Water consumption and compound intake (if drinking water study)

Description (incidence and severity)

Ophthalmological findings

Description (incidence and severity)

Haematological findings

Description (incidence and severity)

Clinical biochemistry findings

Description (incidence and severity)

Endocrine findings

Description (incidence and severity)

Urinalysis findings

Description (incidence and severity)

Behaviour (functional findings)

Description (incidence and severity)

Immunological findings

Description (incidence and severity)

Organ weight findings including organ / body weight ratios

Description (incidence and severity)

Gross pathological findings

Description (incidence and severity)

Neuropathological findings

Description (incidence and severity)

Histopathological findings: non-neoplastic

Description (incidence and severity)

Histopathological findings: neoplastic

Description (incidence and severity)

Other effects

Description (incidence and severity)

Details on results

Reproductive function / performance (P1)

Reproductive function: oestrous cycle

Description (incidence and severity)

Reproductive function: sperm measures

Description (incidence and severity)

Reproductive performance

Description (incidence and severity)

Details on results (P1)

Effect levels (P1)

Key result Dose descriptor Effect level Based on Sex Basis for effect level Remarks on result Actions

Target system / organ toxicity (P1)

Key result Critical effects observed Lowest effective dose / conc. System Organ Treatment related Dose response relationship Relevant for humans Actions

Results: F1 generation

General toxicity (F1)

Clinical signs

Description (incidence and severity)

Dermal irritation (if dermal study)

Description (incidence and severity)

Mortality / viability

Description (incidence and severity)

Body weight and weight changes

Description (incidence and severity)

Food consumption and compound intake (if feeding study)

Description (incidence and severity)

Food efficiency

Description (incidence and severity)

Water consumption and compound intake (if drinking water study)

Description (incidence and severity)

Ophthalmological findings

Description (incidence and severity)

Haematological findings

Description (incidence and severity)

Clinical biochemistry findings

Description (incidence and severity)

Urinalysis findings

Description (incidence and severity)

Sexual maturation

Description (incidence and severity)

Anogenital distance (AGD)

Description (incidence and severity)

Nipple retention in male pups

Description (incidence and severity)

Organ weight findings including organ / body weight ratios

Description (incidence and severity)

Gross pathological findings

Description (incidence and severity)

Histopathological findings

Description (incidence and severity)

Other effects

Description (incidence and severity)

Developmental neurotoxicity (F1)

Behaviour (functional findings)

Description (incidence and severity)

Developmental immunotoxicity (F1)

Developmental immunotoxicity

Description (incidence and severity)

Details on results (F1)

Effect levels (F1)

Key result Dose descriptor Generation Effect level Based on Sex Basis for effect level Remarks on result Actions 1

☐ Key result
Dose descriptor
NOAEL
Generation
F1
Effect level
Based on
test mat.
Sex
male/female
Basis for effect level

Remarks on result

Target system / organ toxicity (F1)

Key result Critical effects observed Lowest effective dose / conc. System Organ Treatment related Dose response relationship Relevant for humans Actions 1

☐ Key result
Critical effects observed
no
Lowest effective dose / conc.
System
Organ

Treatment related
Dose response relationship
Relevant for humans

Results: F2 generation

General toxicity (F2)

Clinical signs

Description (incidence and severity)
Dermal irritation (if dermal study)
Description (incidence and severity)
Mortality / viability
Description (incidence and severity)
Body weight and weight changes
Description (incidence and severity)
Food consumption and compound intake (if feeding study)
Description (incidence and severity)
Food efficiency
Description (incidence and severity)
Water consumption and compound intake (if drinking water study)
Description (incidence and severity)
Ophthalmological findings
Description (incidence and severity)
Haematological findings
Description (incidence and severity)
Clinical biochemistry findings
Description (incidence and severity)
Urinalysis findings
Description (incidence and severity)
Sexual maturation
Description (incidence and severity)
Anogenital distance (AGD)
Description (incidence and severity)
Nipple retention in male pups
Description (incidence and severity)
Organ weight findings including organ / body weight ratios
Description (incidence and severity)
Gross pathological findings
Description (incidence and severity)
Histopathological findings
Description (incidence and severity)
Other effects

Description (incidence and severity)

Developmental neurotoxicity (F2)

Behaviour (functional findings)

Description (incidence and severity)

Developmental immunotoxicity (F2)

Developmental immunotoxicity

Description (incidence and severity)

Details on results (F2)

Effect levels (F2)

Key result Dose descriptor Generation Effect level Based on Sex Basis for effect level Remarks on result Actions

Target system / organ toxicity (F2)

Key result Critical effects observed Lowest effective dose / conc. System Organ Treatment related Dose response relationship Relevant for humans Actions

Overall reproductive toxicity

Key result Reproductive effects observed Lowest effective dose / conc. Treatment related Relation to other toxic effects Dose response relationship Relevant for humans Actions 1



Key result

Reproductive effects observed
not specified

Lowest effective dose / conc.

Treatment related

Relation to other toxic effects

Dose response relationship

Relevant for humans

Any other information on results incl. tables

Overall remarks, attachments

Overall remarks

Attachments

Type Attached (confidential) document Attached (sanitised) documents for publication Remarks Actions

Illustration (picture/graph)

Applicant's summary and conclusion

Conclusions

Executive summary

TOP



- Dashboard
- Substances
- Mixtures / Products
- Articles
- Categories

Toolbox

- Template
- Manage Reports

Inventory manager

- Contact
- Legal entity
- Sites
- Reference substance
- Test material
- Literature reference

User management

- User Settings
- Users
- Roles

About IUCLID

- About
- Help