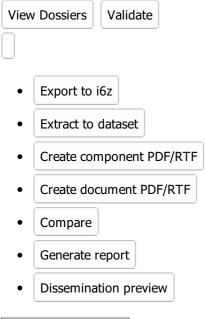
- Dossier preparation manuals
- <u>Q&A</u>
- <u>Create support request</u>
- IUCLID user community
- <u>Additional information</u>
- <u>Video tutorials</u>

SuperUser EPA/ORD/CCTE/SCDCD

- User Settings
- Logout
- Dashboard
- Substances
- Sodium diisobutyldithiophosphinate

Filtered aggr_1

59db1016-c540-4cf4-86cb-bb061f7f9539



Type at least 3 characters

REACH Complete Sodium diisobutyldithiophosphinate

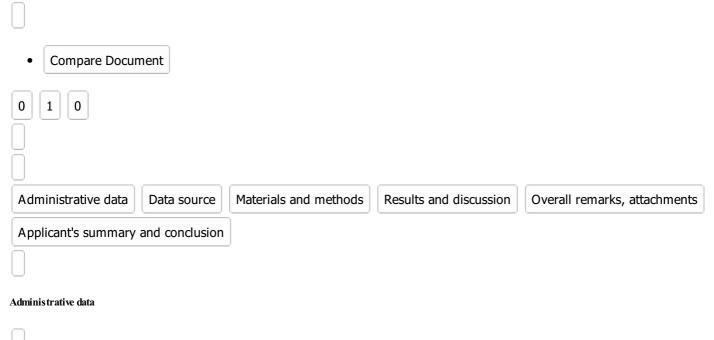
- 1 General information 3
- 2 Classification & Labelling and PBT assessment
- 3 Manufacture, use and exposure
- 4 Physical and chemical properties 19
- 5 Environmental fate and pathways
- 76 Ecotoxicological information 10
- 7 Toxicological information 24
 - 3c1c792d-8143-46f2-b3e4-58fcbef94080
 - 7.1 Toxicokinetics, metabolism and distribution
 - 1

- 7.2 Acute Toxicity
- 5
- 7.3 Irritation / corrosion
 - 4
- 7.4 Sensitisation
- 2 • 7.5 Repeated dose toxicity
- 2 • 7.6 Genetic toxicity
 - 5
- 7.7 Carcinogenicity
- 7.8 Toxicity to reproduction
 - 4
 - 7.8.1 Toxicity to reproduction 2
- b4da01a6-0848-4a3a-813e-14d64a18ca7d
- 967bae09-c53d-447b-94ccd6463b33bec0
- 7.8.2 Developmental toxicity / teratogenicity
 - 2
- 7.8.3 Toxicity to reproduction: other studies
- 7.9 Specific investigations
- 7.10 Exposure related observations in humans
- 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 •

UUID b4da01a6-0848-4a3a-813e-14d64a18ca7d Hide empty fields



Type of information
experimental study
Adequacy of study key 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 2012 2012-10-10
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 2
Qualifier according to guideline
Guideline

Guideline other:

Version / remarks Deviations

no 3 Qualifier according to guideline Guideline
OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test) Version / remarks Deviations
no 4 Qualifier
according to guideline Guideline other: Version / remarks
Deviations no
Principles of method if other than guideline
GLP compliance yes
Limit test no
Justification for study design
Test material
 Unnamed Unnamed sodium [bis(2-methylpropyl)(sulfanylidene)-lambda5-phosphanyl]sulfanide EC 236-419-2 13360-78-6
Additional test material information
Additional test material information Specific details on test material used for the study
Specific details on test material used for the study
Specific details on test material used for the study Specific details on test material used for the study (confidential)
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animals Species
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animals Species rat Strain
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animals Species rat Strain Wistar
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animals Species rat Strain Wistar Details on species / strain selection Sex
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animats Species rat Strain Wistar Details on species / strain selection Sex mak/female
Specific details on test material used for the study Specific details on test material used for the study (confidential) Test animals Species rat Strain Wistar Details on species / strain selection Sex male/female Details on test animals or test system and environmental conditions

Mass median aerodynamic diameter (MMAD)

Geometric standard deviation (GSD) Retrarks on MMAD Vehicle Datals on exposure Datals on exposure Datals on analytical verification of doess or concentrations Datals on study schedule Frequency of treatment Details on study schedule Does / conc. Remarks Actions No. of aritmuk per sex per dose Control animals Datals on study design Parential animalis. Observations and examinations Oestrone cyclicity (parental animals) Catardo scipping) Statistics Retrations (parental animals) Parental animalis (observations and examinations Oestrone cyclicity (parental animals) Sperm parameters (parental animals) Sperm parameters (parental animals) Regroductive indices Offspring visbility indices Acy other information an material and methods ind. tates Regroductive indices Offspring visbility indices Results and descut	
Velick Details on exposure Details on maning procedure Analytical verification of doses or concentrations Details on analytical verification of doses or concentrations Datation of treatment / exposure Frequency of treatment / exposure Prequency of treatment / exposure Details on study schedule Dose / conc: Remarks Actions No. of animals per sex per dose Control animals Details on study design Positive control Parental unimals: Observations and examinations Oestrous cyclicity (parental animuls) Sperm parameters (parental animuls) Postrortem examinations (offspring) Statistics Reproductive indices Offspring visibility indices Any other information on materials and methods had, tables	Geometric standard deviation (GSD)
Datals on exposure Datals on maining procedure Analytical verification of doses or concentrations Datals on analytical verification of doses or concentrations Datation of reatment / exposure Frequency of treatment Details on study schedule Dose / conc. Remarks Actions No. of animals per sex per dose Control animals Details on study design Possive control Paritian study design Possive control Servous cyclicity (parental animals) Odstrout control animals Sperim parameters (parental animals) Rostroutions Rostrout control for animals Datations Sperim parameters (parental animals) Rostroutions Rostroutions (offspring) Statistics Reproductive indices Offspring vishility indices Ary euterinformation on materinduction and metheds inct, tables <	Remarks on MMAD
Details on multing procedure Analytical verification of doses or concentrations Details on analytical verification of doses or concentrations Daration of freatment / exposure Frequency of treatment Details on study schedule Dose / concentrations Dose / concentrations # Dose / concentrations Octariol animals per sex per dose Control animals Details on study design Positive control Examinations Parental animals: Observations and examinations Oestrous cyclicity (parental animuls) Sperm parameters (parental animuls) Details on study clipsing (Dispring) Statistics Reproductive indices Offspring visibility indices Avy other information on materials and methods (not, tables	Vehicle
Analytical verification of doses or concentrations Details on analytical verification of doses or concentrations Daration of treatment / exposure Frequency of treatment Details on study schedule 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 Oestrouts cyclicity (parental animals) Sperm parameters (parental animals) Postroutem examinations (offspring) Statistics Reproductive indices Any other information on materials and methods ind. tables	Details on exposure
Details on analytical verification of doeses or concentrations Daration of treatment / exposure Frequency of treatment Details on study schedule Does / cone. Remarks Actions No. of animals per sex per dose Control animals Details on study design Positive control Basin animations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Litter observations Postroutern examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods ind, tables	Details on mating procedure
Daration of freatment / exposure Frequency of treatment Details on study schedule Dose / oncentrations # Dose / conc. Remarks Actions No. of animals per sex per dose Control animals Details on study design Postive control Examinations Parential animals: Observations and examinations Oestrous cyclicity (parental animals) Litter observations Postroutem examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods ind, tables Results and discussion	Analytical verification of doses or concentrations
Frequency of treatment Details on study schedule Dase / 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 Oestrouts cyclicity (parental animals) Sperm parameters (parental animals) Litter observations Postmortem examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods ined, tables Results and discussion	Details on analytical verification of doses or concentrations
Details on study schedule Dose / conc. Remarks Actions No. of animals per sex per dose Control animals Details on study design Details on study design Postive control Examinations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Postroutem examinations (offspring) Statistics Reproductive infores Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Duration of treatment / exposure
Desce / conc. Remarks Actions W. o. of animals per sex per dose Control animals Details on study design Postive control Examinations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Litter observations Postroutem examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables	Frequency of treatment
# Dose / conc. Remarks Actions No. of animals per sex per dose Control animals Details on study design Positive control Bandinations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Sperm parameters (parental animals) Postmortem examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables	Details on study schedule
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) Iter observations Postmortern examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Doses / concentrations
No. of animals per sex per dose Control animals Details on study design Positive control Raminations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Idter observations Postmortern examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	# Dose / conc. Remarks Actions
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 (parental animals) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods Incl. tables Results and discussion	,
Positive control Examinations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Litter observations Postmorterm examinations (parental animals) Postmorterm examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables	,
Positive control Examinations Parental animals: Observations and examinations Oestrous cyclicity (parental animals) Sperm parameters (parental animals) Litter observations Postmorterm examinations (parental animals) Postmorterm examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables	Details on study design
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	,
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	
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	Examinations
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	Parental animals: Observations and examinations
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	Oestrous cyclicity (parental animals)
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	Sperm parameters (parental animals)
Postmortem examinations (offspring) Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Litter observations
Statistics Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Postmortem examinations (parental animals)
Reproductive indices Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Postmortem examinations (offspring)
Offspring viability indices Any other information on materials and methods incl. tables Results and discussion	Statistics
Any other information on materials and methods incl. tables Results and discussion	Reproductive indices
Results and discussion	Offspring viability indices
	Any other information on materials and methods incl. tables
Results: P0 (first parental generation)	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 no effects observed
Description (incidence and severity)
Endocrine findings
Description (incidence and severity)
Urinalysis findings
Description (incidence and severity)
Behaviour (functional findings) effects observed, treatment-related
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)	
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 100 mg/kg bw/day (actual dose received) Based on test mat. Sex male/female Basis for effect level

• other:

Remarks on result 2 Cartering Key result Dose descriptor NOAEL Effect level 300 mg/kg bw/day (actual dose received) Based on test mat. Sex male/female Basis for effect level

• reproductive performance

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

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)
The second stand for the second

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)		
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

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

 Based on

 test mat.

 Sex

 male/female

 Basis for effect level

• other:

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

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 no 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