- 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
- 1-nitroguanidine

## Filtered aggr_1

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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
1-nitroguanidine

- 7.2 Acute Toxicity
  3
- 7.3 Irritation / corrosion
  4
- 7.4 Sensitisation
  2
- 7.5 Repeated dose toxicity
  4
- 7.6 Genetic toxicity
  7
- 7.7 Carcinogenicity
- 7.8 Toxicity to reproduction
  4
  - 7.8.1 Toxicity to reproduction
    2
  - 7.8.2 Developmental toxicity / teratogenicity
    2
    - 039a3e0f-4928-4d2f-886e-5d71cc0dcf6a
    - 06ed36f3-3237-4509-a3ae-a33a353cdd5f
  - 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

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- 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
developmental toxicity

---

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 | 1988 | 1988-03-22

Data access

Data protection claimed

#### Materials and methods

#### Test guideline

# Qualifier Guideline Version / remarks Deviations Actions 1
Qualifier
according to guideline
Guideline
other:
Version / remarks
Deviations
2
Qualifier
equivalent or similar to guideline
Guideline
OECD Guideline 414 (Prenatal Developmental Toxicity Study)
Version / remarks
Deviations

Principles of method if other than guideline

GLP compliance
yes (incl. QA statement)

Limit test
no

#### Test material

Test material information

- Unnamed | Unnamed | N-nitroguanidine | EC 209-143-5 | 556-88-7 | Unnamed | disodium sulfate | EC 231-820-9 | 7757-82-6 | Unnamed | sodium nitrate | EC 231-554-3 | 7631-99-4 | Unnamed | 4,6-diamino-1,3,5-triazin-2(1H)-one | EC 211-455-1 | 645-92-1 | Unnamed | 6-amino-1,3,5-triazine-2,4(1H,3H)-dione | EC 211-456-7 | 645-93-2

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
Sprague-Dawley

Details on test animals or test system and environmental conditions

#### Administration / exposure

Route of administration
oral: gavage

Type of inhalation exposure (if applicable)

Vehicle

Mass median aerodynamic diameter (MMAD)

Geometric standard deviation (GSD)

Remarks on MMAD

Details on exposure

Analytical verification of doses or concentrations

Details on analytical verification of doses or concentrations

Details on mating procedure

Duration of treatment / exposure

Frequency of treatment

Duration of test

#### Doses / concentrations

# Dose / conc. Remarks Actions

No. of animals per sex per dose

Control animals

Details on study design

**Examinations**

Maternal examinations

Ovaries and uterine content

Blood sampling

Fetal examinations

Statistics

Indices

Historical control data

**Any other information on materials and methods incl. tables**

**Results and discussion**

**Results: maternal animals**

**General toxicity (maternal animals)**

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

**Maternal developmental toxicity**

Number of abortions

Description (incidence and severity)

Pre- and post-implantation loss

Description (incidence and severity)

Total litter losses by resorption

Description (incidence and severity)

Early or late resorptions

Description (incidence and severity)

Dead fetuses

Description (incidence and severity)

Changes in pregnancy duration

Description (incidence and severity)

Changes in number of pregnant

Description (incidence and severity)

Other effects

Description (incidence and severity)

Details on maternal toxic effects

#### Effect levels (maternal animals)

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

☐ Key result
Dose descriptor
NOAEL
Effect level
316 mg/kg bw/day (actual dose received)
Based on
test mat.
Basis for effect level

- other:

Remarks on result
2

☐ Key result
Dose descriptor
NOAEL
Effect level
1000 mg/kg bw/day
Based on
test mat.
Basis for effect level

- other:

Remarks on result

#### Maternal abnormalities

# Key result Abnormalities Localisation Description (incidence and severity) Actions

#### Results (fetuses)

Fetal body weight changes

Description (incidence and severity)

Reduction in number of live offspring

Description (incidence and severity)

Changes in sex ratio

Description (incidence and severity)

Changes in litter size and weights

Description (incidence and severity)

Anogenital distance of all rodent fetuses

Description (incidence and severity)

Changes in postnatal survival

Description (incidence and severity)

External malformations

Description (incidence and severity)

Skeletal malformations

Description (incidence and severity)

Visceral malformations

Description (incidence and severity)

Other effects

Description (incidence and severity)

Details on embryotoxic / teratogenic effects

**Effect levels (fetuses)**

# 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
316 mg/kg bw/day (actual dose received)
Based on
test mat.
Sex
not specified
Basis for effect level

- other:

Remarks on result

**Fetal abnormalities**

# Key result Abnormalities Localisation Description (incidence and severity) Actions 1

☐ Key result
Abnormalities
not specified
Localisation

Description (incidence and severity)

**Overall developmental toxicity**

# Key result Developmental effects observed Lowest effective dose / conc. Treatment related Relation to maternal toxicity Dose response relationship Relevant for humans Actions 1

Key result
Developmental effects observed
not specified
Lowest effective dose / conc.
Treatment related
Relation to maternal toxicity
Dose response relationship
Relevant for humans

---

**Any other information on results incl. tables**

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**Overall remarks, attachments**

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Overall remarks

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**Attachments**

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

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Illustration (picture/graph)

**Applicant's summary and conclusion**

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Conclusions

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Executive summary

TOP

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