- 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
- Maleic anhydride

Filtered aggr_1

0d1cfd58-dd6b-4f99-9f0b-f88594868ec4

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
Maleic anhydride

- 1 General information
  40
- 2 Classification & Labelling and PBT assessment
- 3 Manufacture, use and exposure
- 4 Physical and chemical properties
  22
- 5 Environmental fate and pathways
  26
- 6 Ecotoxicological information
  40
- 7 Toxicological information
  55
  - 8953aec9-84cb-406c-b1d5-c43b07b4db3c
  - 7.1 Toxicokinetics, metabolism and distribution
    1

- 7.2 Acute Toxicity
  7
- 7.3 Irritation / corrosion
  6
- 7.4 Sensitisation
  4
- 7.5 Repeated dose toxicity
  9
  - 7.5.1 Repeated dose toxicity: oral
    5
    - c8cfb23b-3746-47f1-91fe-7f3a36ba14e6
    - 4a4687d4-600c-4c15-bd2b-5c0d21710363
    - 3daadd0e-b891-492c-ba88-149504f97ac6
    - 7735d98e-a28f-4ea9-baa0-4409ac2fae26
    - 0d7e4019-f25a-40b2-8303-aed0415980c8
  - 7.5.2 Repeated dose toxicity: inhalation
    4
  - 7.5.3 Repeated dose toxicity: dermal
  - 7.5.4 Repeated dose toxicity: other routes
- 7.6 Genetic toxicity
  7
- 7.7 Carcinogenicity
  1
- 7.8 Toxicity to reproduction
  3
- 7.9 Specific investigations
- 7.10 Exposure related observations in humans
  16
- 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
chronic toxicity: oral

Type of information
experimental study

Adequacy of study
weight of evidence

☐ Robust study summary

☐ Used for classification

☐ Used for SDS

Study period

Reliability
2 (reliable with restrictions)

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 | 1984 | 1984-10-23
- review article or handbook | Unnamed | 2004

Data access

Data protection claimed

Materials and methods

Test guideline

Qualifier Guideline Version / remarks Deviations Actions 1
Qualifier
equivalent or similar to guideline
Guideline
OECD Guideline 452 (Chronic Toxicity Studies)
Version / remarks
Deviations

Principles of method if other than guideline

GLP compliance
not specified

Limit test
no

Test material

Test material information

- Unnamed | Unnamed | 2,5-dihydrofuran-2,5-dione | EC 203-571-6 | 108-31-6

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
Fischer 344

Details on species / strain selection

Sex
male/female

Details on test animals or test system and environmental conditions

Administration / exposure

Route of administration
oral: feed

Details on route of administration

Vehicle

Details on oral exposure

Analytical verification of doses or concentrations

Details on analytical verification of doses or concentrations

Duration of treatment / exposure
2 years

Frequency of treatment

Doses / concentrations

Dose / conc. Remarks Actions

No. of animals per sex per dose

Control animals

Details on study design

Positive control

Examinations

Observations and examinations performed and frequency

Sacrifice and pathology

Optional endpoint(s)

Other examinations

Statistics

Any other information on materials and methods incl. tables

Results and discussion

Results of examinations

Clinical signs

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

Effect levels

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

☐ Key result
Dose descriptor
NOEL
Effect level
10 mg/kg bw/day (nominal)
Based on
test mat.
Sex
male/female
Basis for effect level

- other:

Remarks on result
2

☐ Key result
Dose descriptor
LOEL
Effect level
32 mg/kg bw/day (nominal)
Based on
test mat.
Sex
male/female
Basis for effect level

- body weight and weight gain

Remarks on result

Target system / organ toxicity

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
not specified
Lowest effective dose / conc.
System
Organ

Treatment related
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

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- Categories

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- Template
- Manage Reports

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- Legal entity
- Sites
- Reference substance
- Test material

- Literature reference

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