Cyanamide (CAS no. 420-04-2)

[Current status]

Finished Tier 1 in vitro assay (Chemicals not to be subjected to Tier 1 in vivo tests)



Results of Reliability Evaluation (based on literature information)

| Suggested Effects | | | | | | | | | | | |
|-------------------|-----------------|------------|-----------------|-----------|----------------|----------|---------|--|--|--|--|
| Estrogenic | Anti-estrogenic | Androgenic | Anti-androgenic | Thyroidal | Anti-thyroidal | Ecdysone | Others* | | | | |
| - | - | - | - | Р | Р | - | Р | | | | |

P: Effects suggested by existing information

-: Effects NOT suggested by existing information

Others*: Hypothalamic-Pituitary-Gonad Axis etc.

**: Effects suggested by USEPA EDSP

Results of Tier 1 in vitro tests

| Tested Mode of Actions | | | | | | | | | | |
|------------------------|-----------------|------------|-----------------|-----------|----------------|----------|--------|--|--|--|
| Estrogenic | Anti-estrogenic | Androgenic | Anti-androgenic | Thyroidal | Anti-thyroidal | Ecdysone | Others | | | |
| - | - | - | - | Ν | Ν | - | - | | | |

P: EC_{50} or IC_{50} values were detected N: EC_{50} or IC_{50} values were not detected

To be implemented: Mode of actions selected but not tested yet

-: Mode of actions not selected for testing