

18 ppm, esp. males: hypoactivity, abnormal posture, dyspnea mortality, 18 ppm: 1/5 male on day 2 (diffusely dark, discoloured liver, severe centrilobular congestion, necrosis)  
body weight gain was not affected,  
pathology:  
concentration-related increases in liver weights,  
18 ppm, all rats: increased spleen and kidney weights  
histopathologic findings:  
18 ppm, all rats: liver: coagulative necrosis with associated inflammation; spleen: haemosiderin deposition  
18 ppm, esp. males: haematopoietic cell proliferation, increased haematopoietic activity  
9,18 ppm: hepatocytomegaly of the centrilobular cells  
4.5, 9, 18 ppm, females: increasing incidence and severity of haematopoietic activity  
(2) valid with restrictions  
dose-range finding study

Reliability:  
21-MAR-2003 (80)

Species: mouse Sex: male/female  
Strain: B6C3F1  
Route of administration: oral feed  
Exposure period: 5 weeks  
Frequency of treatment: daily  
Post exposure period: no  
Doses: 0, 50, 500, 5000 ppm (calc. intake: (m):0,16,167,1120 mg/kg bw; (f):0,24,220,1310 mg/kg bw)  
Control Group: yes, concurrent no treatment  
NOAEL: ca. 50 ppm

Method: other: according to OECD Guideline 407, 1981; 12 mice/sex/group and additional 6 mice/sex/group for the interim sacrifice  
Year: 1990  
GLP: yes  
Test substance: as prescribed by 1.1 - 1.4  
Result: except one male in the low dose group no deaths,  
5000 ppm(m)/500, 5000 ppm(f): reduced food intake,  
sign. clin. findings only in the male 5000 ppm gr.: narrowed palpebral fissure and corneal opacity;  
500/5000 ppm, m/f: centrilobular hepatocytomegaly  
5000 ppm, m/f: reduced body weight gain, increased spleen weight, discolored spleen, deposition of hemosiderin in the spleen; increased liver weight (differences up to 89% were noted in females)  
5000 ppm,m: reduced tested weight, decreased urea;  
5000 ppm, m/f: reduced erythrocyte count(change in morphology: anisocytosis, poiklocytosis and polychromasie), reduced HK- and HB-content, increased Methb (2.8 % f; 1.7% m), MCV, MCH, MCHC, bilirubin,  
500 and 5000 ppm, after 1 week, m/f: increased cholesterol content, sign. changes in the activity of cytochrome 450-dependent EOD (7-Ethoxycoumarin deethylase), EH (Epoxide Hydroxylase) and ALD (Aldrin epoxidase) and Phase II enzymes: GSH-T(Glutathion-S-transferase), GLU-T (UDP-Glucuronyltransferase), and decreased gluconeogenesis and glycogen;  
after 5 weeks:  
f: normal ALD activity, increased activity of EOR, EH, Glu-T, slight increase in EOD, strong increase in GSH-T activity; m: increased activities of EOD, EOR, GLU-T, ALD,

GSH-T, EH  
5000 ppm: increased activity of ASAT, ALAT, alkaline phosphatase(m), activated pentose phosphate cycle, increased glycolysis  
no signs of nephrotoxicity

Reliability: (1) valid without restriction  
Flag: Critical study for SIDS endpoint  
30-AUG-2001 (4) (5)

Species: mouse Sex: male/female  
Strain: other: Swiss CD-1  
Route of administration: gavage  
Exposure period: 14 d  
Frequency of treatment: daily  
Post exposure period: no data  
Doses: 0, 20, 40, 80, 160 or 320 mg/kg bw/d dissolved in corn oil  
Control Group: yes, concurrent vehicle  
NOAEL: ca. 40 mg/kg bw

Method: other: 8 mice/sex/dose, statistical analysis  
Year: 1992  
GLP: yes  
Test substance: other TS: purity: > 99 %

Remark: type: dose-setting study  
Result: mortality due to gavage trauma: control, f: 2/8, 20 mg-group, f: 1/8, 40-mg-group, f: 1/8  
20 and 40 mg/kg bw/d: no clinical signs  
80 mg/kg bw/d: all animals were inactive after the first two daily doses but appeared normal post-dosing throughout the rest of the exposure period  
160 mg/kg bw/d: during the first week, animals were slightly weak and inactive; during the second week, these animals became slightly cyanotic, but remained active  
320 mg/kg bw/d: during the first 2 days of treatment, all mice died or were moribund and sacrificed; clinical signs of toxicity: recumbency, trembling, inactivity, weakness and cyanosis

Reliability: (2) valid with restrictions  
dose-setting study, histopathologic examination not performed  
21-MAR-2003 (75) (80)

Species: rabbit Sex: no data  
Strain: no data  
Route of administration: inhalation  
Exposure period: up to 18 d  
Frequency of treatment: 8 h/d  
Post exposure period: no  
Doses: 0.1 mg/l  
Control Group: other: no data

Method: other: no information  
Year: 1910  
GLP: no  
Test substance: other TS: no data on purity

Result: deaths occurred after exposure for 8-18 d (no further data)  
Reliability: (3) invalid  
lack of information

16-JUN-2003

(26)

Species: cat Sex: no data  
Strain: no data  
Route of administration: inhalation  
Exposure period: up to 14 d  
Frequency of treatment: 8 h/d  
Post exposure period: no  
Doses: 0.1 mg/l  
Control Group: other: no data

Method: other: no data  
Year: 1910  
GLP: no  
Test substance: other TS: no data on purity

Result: deaths occurred after exposure for 8-14 d (no further data); 1 animal survived (total number of animals not mentioned)

Reliability: (3) invalid  
lack of information

16-JUN-2003

(26)

Species: cat Sex: no data  
Strain: no data  
Route of administration: inhalation  
Exposure period: all together 17.5 h during 3 consecutive d  
Frequency of treatment: no data  
Post exposure period: no  
Doses: 0.05-0.18 mg/l  
Control Group: other: no data

Method: other: no details given  
Year: 1908

Result: mortality: 100 % (no further data)  
Reliability: (3) invalid  
lack of information: secondary literature

16-JUN-2003

(96)

#### 5.5 Genetic Toxicity 'in Vitro'

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 100, TA 1535, TA 1537  
Concentration: 0, 833.3, 1000.0, 1200.0, 1440.0, 1728.0, 2073.6  
ug/plate in DMSO; from 1000 ug/plate bacteriotoxicity  
Metabolic activation: with and without  
Result: positive

Method: other: s. freetext  
Year: 1984  
GLP: yes  
Test substance: as prescribed by 1.1 - 1.4

Method: suspensions of bacterial cells were incubated with the TS with and without S9-mix from rat liver for 48 hours at 37 celsius, the number of revertant colonies were counted; positive (2-aminoanthrazene, tryptaflavine, endoxan) and negative controls

Remark: on strain TA 100, a marked dose-dependent increase in mutation rate (up to 4 times higher than in control) was found with metabolic activation

Reliability: (2) valid with restrictions  
only 4 strains used

Flag: Critical study for SIDS endpoint  
25-MAR-2003 (3)

Type: Ames test  
System of testing: S. typhimurium TA 100  
Concentration: no data  
Metabolic activation: with  
Result: positive

Method: other: no data  
Year: 1981  
GLP: no data  
Test substance: other TS: no data on purity  
Reliability: (4) not assignable  
documentation insufficient for assessment  
16-JUN-2003 (21)

Type: Ames test  
System of testing: S. typhimurium TA 78, TA 100, TA 1535, TA 1538  
Concentration: no data  
Metabolic activation: with and without  
Result: negative

Method: other: no data  
Year: 1983  
GLP: no data  
Test substance: no data

Reliability: (4) not assignable  
documentation insufficient for assessment  
25-MAR-2003 (30)

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 100, TA 1535, TA 1537  
Concentration: (1): 0.0, 6.0, 20.0, 60.0, 200.0, 600.0:  
TA98, TA100, TA1535, TA1537  
(2): 0.0, 6.0, 20.0, 60.0, 200.0, 600.0: TA100, TA98  
(3): 0.0, 62.5, 125.0, 250.0, 500.0, 1000.0: TA100  
see RM  
Metabolic activation: with and without  
Result: positive

Method: other: s. freetext  
Year: 1983  
GLP: no data  
Test substance: other TS: purity 99 %  
Method: preincubation method, solvent: DMSO, S9 prepared from rat liver and hamster liver, positive controls (2-AA, NOPD, 9-AAD), solvent control, performed in triplicate and repeated twice, highest dose: cytotoxic, statistical method according to Margolin et al. 1981

Remark: (4): 0.0, 10.0, 33.3, 100.0, 333.3, 1000.0 :  
TA98,TA100,TA1535,TA1587  
(5): 0.0, 10.0, 33.3,100.0, 333.3, 1000.0: TA100  
the test substance was mutagenic only in strain TA 100  
with metabolic activation from hamster and rat

Reliability: (2) valid with restrictions  
only 4 strains used, no information about GLP

Flag: Critical study for SIDS endpoint  
25-MAR-2003 (33) (80)

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 100  
Concentration: no information  
Metabolic activation: with and without  
Result: negative

Method: other: preincubation method (only engl. abstract available)  
Year: 1987  
GLP: no data  
Test substance: no data

Reliability: (4) not assignable  
documentation insufficient for assessment  
25-MAR-2003 (54)

Type: Ames test  
System of testing: S. typhimurium TA 97, TA 98, TA 100, TA 102, TA 1535,  
TA 1537, TA 1538  
Concentration: no data  
Metabolic activation: with and without  
Result: positive  
Method: other: no data  
Year: 1985  
GLP: no data  
Test substance: no data  
Remark: the strain(s) on which the test substance induced an in-  
crease in the mutant count is (are) not mentioned in the  
description of the test results

Reliability: (4) not assignable  
documentation insufficient for assessment  
25-MAR-2003 (55)

Type: Cytogenetic assay  
System of testing: Chinese Hamster Ovary cells  
Concentration: without: 0, 16, 50, 160 ug/ml DMSO;  
with: 0, 50, 160, 500 ug/ml DMSO  
Metabolic activation: with and without  
Result: ambiguous  
Method: other: protocol in Galloway Environm. Mol. Mutagen. 10 [Suppl  
10],1-175, 1987; solvent control, positive control, harvest  
time: 14 hours  
Year: 1993  
GLP: no data  
Test substance: other TS: purity: 99 %

Remark: type: chromosomal aberration test  
Result: without S9: equivocal, cell with aberrations (control, low  
to high doses): 2, 7, 8, 9%  
with S9: negative

Reliability: (2) valid with restrictions  
no information about GLP

Flag: Critical study for SIDS endpoint (77) (80)  
25-MAR-2003

Type: Sister chromatid exchange assay  
System of testing: Chinese Hamster Ovary cells  
Concentration: without S9:  
(1) 0, 5, 16, 50 ug/ml DMSO  
(2) 0,30, 40, 50, 60, 75ug/ml DMSO;  
with S9:  
0, 50,160,500 ug/ml DMSO  
Metabolic activation: with and without  
Result: positive

Method: other: s. freetext  
Year: 1993  
GLP: no data  
Test substance: other TS: purity: 99 %

Method: protocol in Galloway Environm. Mol. Mutagen. 10 [Suppl 10],1-175, 1987; solvent control, positive control (mitomycin C, cyclophosphamide), S9-mix of induced rat liver, incubation time without S9: 26 hours, with S9: 2 hours, after removal of TS 26 hours

Remark: the test substance exhibited a mutagenic response only in the absense of S9-mix (up to 29% increase over solvent control)

Reliability: (1) valid without restriction  
Flag: Critical study for SIDS endpoint

25-MAR-2003 (77) (80)

Type: other: mutation assay in Actinobacteria  
System of testing: spores of Actinomyces sphaeroides  
Concentration: 0, 0.63 g/l (= 0.004 M)  
Metabolic activation: no data  
Result: positive

Method: other: no details given  
Year: 1971  
GLP: no  
Test substance: no data

Reliability: (4) not assignable  
documentation insufficient for assessment

25-MAR-2003 (87)

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 100, TA 1535, TA 1537, TA 1538  
Concentration: 0, 25.6, 51.2, 102.4, 204.8, 409.6, 819.2, 1638.4, 3276.8 ug/plate in DMSO  
Metabolic activation: without  
Result: positive

Method: other: according to: OECD Guide-line 471: pour plate method, highest dose cytotoxic, performed in duplicate and repeated at least 2 times, solvent and positive control

Year: 1983  
GLP: no data  
Test substance: other TS: purity: 99 %

Remark: increased mutation rate only in strains TA 98 and TA 1538

Reliability: (2) valid with restrictions  
study meets criteria of today but is only performed without  
metabolic activation, no information about GLP  
25-MAR-2003 (92)

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 100  
Concentration: 0, 1, 5, 10, 15, 20 ug/plate in DMSO  
Metabolic activation: with and without  
Result: positive

Method: other: according to OECD Guide-line 471, preincubation method,  
without S9-mix, and with S9-mix and 200 ug/plate Norharman  
Year: 1983  
GLP: no data  
Test substance: other TS: chromatographically pure

Remark: the test substance exhibited no mutagenicity to the tester  
strains in the absence of S9 mix, without norharman;  
in the presence of S9 mix, without norharman,  
o-chloronitrobenzene was not mutagenic to S. typhimurium TA  
98;

Reliability: (3) invalid  
special study, only performed in the presence of metabolic  
activation, cytotox concentration not determined, no  
information on GLP, no exact data on purity  
25-MAR-2003 (98)

Type: Ames test  
System of testing: S. typhimurium TA 98, TA 98 NR and TA 98/1,8-DNP6  
Concentration: 0, 5, 10, 15, 20 ug/plate in DMSO  
Metabolic activation: with  
Result: positive

Method: other: according to OECD Guide-line 471, preincubation method,  
addition of S9-mix and norharman  
Year: 1987  
GLP: no data  
Test substance: other TS: no data on purity

Remark: the test substance exhibited weak mutagenicity towards  
TA 98 NR; the mutagenic activity, however, was much lower  
than that of o-chloronitrobenzene towards TA 98; the  
difference in the mutagenicities (test results: posi-  
tive) of the test compound towards TA 98 and TA 98/  
1,8-DNP6 could not be regarded as significant

Reliability: (3) invalid  
special study, only performed in the presence of metabolic  
activation, cytotox concentration not determined, no  
information on GLP, no exact data on purity  
16-JUN-2003 (97) (99)

Type: other: SOS chromotest  
System of testing: E. coli PQ 37  
Concentration: 3-5 different concentrations (no further information)  
Metabolic activation: with and without  
Result: negative

Method: other  
Year: 1988

---

GLP: no data  
Test substance: other TS: no data on purity

Remark: o-chloronitrobenzene did not induce SOS-repair in the chromotest with and without S9 mix (without norharman); it was tried to increase the sensitivity of the SOS chromotest by addition of norharman to the S9 mix: a negative result was obtained again with the test substance

Reliability: (4) not assignable  
documentation insufficient for assessment

25-MAR-2003 (108)

Type: HGPRT assay  
System of testing: V 79 Chinese Hamster lung cells  
Concentration: without S9-mix: 0,100,300,400,500,600,700,800,900 ug/ml, DMSO;  
with S9-mix: 0,100,200,450,600,750,900,1050,1200 ug/ml DMSO  
Cytotoxic Concentration: without: 800 ug/ml; with: 750 ug/ml  
Metabolic activation: with and without  
Result: negative

Method: other: OECD Guide-line 476, rat liver S9-mix (induced), toxicity test prior to testing, exposure duration 5 hours, positive controls (EMS, DMN)

Year: 1989  
GLP: yes  
Test substance: other TS: purity: 99.8%

Reliability: (1) valid without restriction  
Flag: Critical study for SIDS endpoint  
25-MAR-2003 (101)

Type: Cytogenetic assay  
System of testing: Chinese hamster ovary cells  
Concentration: without S9-mix: 0, 10, 50, 100 ug/ml DMSO; with S9-mix: 0, 25, 125, 250 ug/ml DMSO  
Metabolic activation: with and without  
Result: negative  
Method: other: OECD Guide-line 473, harvest time: 8, 12, 21 hours, cytotoxicity was tested prior to testing, positive controls: mitomycin C, cyclophosphamide

Year: 1988  
GLP: yes  
Test substance: other TS: purity: 99.8 %

Remark: type: chromosomal aberration test  
Reliability: (1) valid without restriction  
Flag: Critical study for SIDS endpoint  
25-MAR-2003 (47)

Type: Ames test  
System of testing: Salmonella typhimurium TA 100, TA 1535, TA 1537, TA 1538, TA 98, Escherichia coli WP2uvrA  
Concentration: 0, 4, 20, 100, 500, 2500 ug/plate, dissolved in 100 ul DMSO, additionally:TA100 with S9-mix: 2000 ug/plate, dissolved in 100 ul DMSO  
Metabolic activation: with and without  
Result: positive  
Method: other: OECD Guideline 471, rat S9-mix, positive controls  
Year: 1984

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OECD SIDS  
5. TOXICITY

1-CHLORO-2-NITROBENZENE

DATE: 26-NOV-2003

SUBSTANCE ID: 88-73-3

GLP: yes  
Test substance: other TS: purity: 99 %  
Remark: mutagen with metabolic activation in TA100 and without in TA 1538  
Source: Hoechst AG Frankfurt/Main  
Reliability: (1) valid without restriction  
25-MAR-2003 (43)

Type: Unscheduled DNA synthesis  
System of testing: Rat Hepatocytes  
Concentration: 0, 1.0, 5.0, 10, 50, 75, 100 ug/ml DMSO, 500 ug/ml DMSO was cytotoxic  
Metabolic activation: with and without  
Result: negative  
Method: other: in accordance with OECD Guide-line 482, no detailed data available

Year: 1983  
GLP: yes  
Test substance: other TS: as prescribed in 1.1-1.4 of the Monsanto dataset  
Remark: Cytotoxicity observed at 100 ug/ml in preliminary, but not replicate assay  
Cytotoxicity at 500 ug/ml  
Source: Monsanto  
Reliability: (2) valid with restrictions  
no details on results given  
25-MAR-2003 (72)

Type: other: UMU test  
System of testing: Salmonella typhimurium TA1535/pSK1002  
Concentration: 100 ug/ml  
Metabolic activation: with and without  
Result: negative  
Method: other: incubation time: 4 hours; determination of  $\beta$ -galactosidase activity  
Year: 1992  
GLP: no data  
Test substance: no data  
Reliability: (4) not assignable  
documentation insufficient for assessment

25-MAR-2003 (81)

Type: Bacterial reverse mutation assay  
System of testing: S. typhimurium TA98, TA100, TA1530, TA1532, TA1535, TA1537, TA1538, TA1950, TA1975, G46  
Concentration: no data  
Metabolic activation: with and without  
Result: negative  
Method: other: OECD guideline 471: plate incorporation method: aerobic and anaerobic condition; fluctuation method  
Year: 1980  
GLP: no data  
Test substance: other TS: purest grade available  
Reliability: (3) invalid  
no details given, special study  
25-MAR-2003 (29)

Type: Sister chromatid exchange assay  
System of testing: Chinese Hamster Ovary cells

Concentration: without S9:  
0,5,16,50 ug/ml DMSO;  
with S9:  
(1): 0, 50, 167, 500 ug/ml DMSO  
(2): 0, 63, 125, 250 ug/ml DMSO

Metabolic activation: with and without  
Result: positive

Method: other: s. freetext  
Year: 1993  
GLP: no data  
Test substance: other TS: purity: 99 %

Method: protocol in Galloway Environm. Mol. Mutagen. 10 [Suppl 10],1-175, 1987; solvent control, positive control (mitomycin C, cyclophosphamide), S9-mix of induced rat liver, incubation time without S9: 26 hours, with S9: 2 hours, after removal of TS 26 hours  
Result: without S9-mix: negative; with S9-mix: positive (up to ca. 40% increase over solvent control)  
Reliability: (2) valid with restrictions  
no information about GLP  
Flag: Critical study for SIDS endpoint  
25-MAR-2003 (80)

Type: Cytogenetic assay  
System of testing: Chinese Hamster Ovary (CHO) cells  
Concentration: without S9: 0,47,101,216 ug/ml DMSO; with S9: 0, 101,125,216,250;465,500 ug/ml DMSO  
Metabolic activation: with and without  
Result: positive

Method: other: protocol in Galloway Environm. Mol. Mutagen. 10 [Suppl 10],1-175, 1987; solvent control, positive control, harvest time: without S9: 18.5 hours, with S9: 13.6 hours  
Year: 1993  
GLP: no data  
Test substance: other TS: purity: 99 %  
Result: with S9-mix: positive;  
without S9-mix: negative  
Reliability: (2) valid with restrictions  
no information about GLP  
Flag: Critical study for SIDS endpoint  
25-MAR-2003 (80)

Type: HGPRT assay  
System of testing: Chinese Hamster Ovary cells  
Concentration: with S9-mix: 0, 10,30,100,300,400 ug/ml DMSO; without S9-mix: 0, 6.6, 20, 66.6, 200, 300 ug/ml DMSO  
Metabolic activation: with and without  
Result: negative  
Method: other: in accordance with OECD Guide-line 476  
Year: 1984  
GLP: yes  
Test substance: other TS: as prescribed in 1.1-1.4 of the Monsanto dataset  
Reliability: (2) valid with restrictions  
only summarized report available  
16-JUN-2003 (71)

Type: Bacterial reverse mutation assay

OECD SIDS  
5. TOXICITY

1-CHLORO-2-NITROBENZENE

DATE: 26-NOV-2003

SUBSTANCE ID: 88-73-3

System of testing: Salmonella typhimurium TA100, TA1535, TA98, TA1537,  
Escherichia coli WP2uvrA  
Concentration: 0, 10, 20, 50, 100, 200, 500, 1000 ug/plate dissolved  
in DMSO, highest dose cytotoxic  
Metabolic activation: with and without  
Result: negative

Method: other: OECD Guide-line 471, preincubation method, S9-mix from  
induced rat liver, solvent and positive controls (AF2, NaN3,  
9AA)

Year: 1996

GLP: no data

Test substance: other TS: purity: 99 %

Reliability: (2) valid with restrictions

no information about GLP

Flag: Critical study for SIDS endpoint

25-MAR-2003

(51)

Type: Bacterial reverse mutation assay  
System of testing: S. typhimurium TA100, TA1535, WP2uvrA, TA98, TA1537  
Concentration: 0, 39.1, 78.1, 156, 313, 625, 1250, 2500, 5000, 10000  
ug/plate dissolved in DMSO and TA100, TA1535, WP2uvrA:  
500 ug/plate dissolved in DMSO  
Metabolic activation: with and without  
Result: positive

Method: other: OECD Guide-line 471, preincubation method, S9-mix from  
rat and from hamster, highest dose cytotoxic, solvent and  
positive controls

Year: 1997

GLP: no data

Test substance: other TS: purity: 99 %

Result: positive: TA100 with rat and hamster S9, TA98 with hamster  
S9

WP2uvrA: positive and negative with hamster S9-mix

Reliability: (2) valid with restrictions

no information about GLP

25-MAR-2003

(52)

Type: Ames test  
System of testing: S. typhimurium TA100, TA98  
Concentration: (1) 0, 10, 33, 100, 133, 166, 250, 333, 666, 1000, 1666 ug/plate  
(2) 0, 3, 10, 33, 66, 100, 166, 333, 666 ug/plate  
Metabolic activation: with and without  
Result: positive

Method: other: praeincubation assay, S9-mix from hamster and rat liver

Year: 1983

GLP: no data

Test substance: other TS: purity: 98 %

Remark: TS was positive only in TA98 in presence of 30 % hamster  
S9-mix and in TA100 in presence of induced hamster or rat  
mix

Reliability: (2) valid with restrictions

no information on GLP only two strains used

25-MAR-2003

(80)

5.6 Genetic Toxicity 'in Vivo'

Type: Drosophila SLRL test  
Species: Drosophila melanogaster Sex: male  
Strain: other: Canton-S wild type  
Route of admin.: i.p.  
Exposure period: once  
Doses: 0, 10000 ppm in peanut oil  
Result: negative

Method: other: males(1-3d old), mated with 3x with Basc virgin females  
brood1: 3d, brood2: 2d, brood3: 2d;  
Year: 1985  
GLP: no data  
Test substance: other TS: purity:>99 %

Reliability: (2) valid with restrictions  
no information about GLP

25-MAR-2003

(80) (116)

Type: Drosophila SLRL test  
Species: Drosophila melanogaster Sex: male  
Strain: other: Canton-S wild type  
Route of admin.: oral feed  
Exposure period: 72 hours  
Doses: 0, 125 ppm in 10 % ethanol and 5 % sucrose solution  
Result: negative

Method: other: males(24 hrs old), mated with 3x with Basc virgin  
females brood1: 3d, brood2: 2d, brood3: 2d;  
Year: 1985  
GLP: no data  
Test substance: other TS: purity: > 99 %

Reliability: (2) valid with restrictions  
no information about GLP

Flag: Critical study for SIDS endpoint

25-MAR-2003

(80) (116)

Type: Drosophila SLRL test  
Species: Drosophila melanogaster Sex: male  
Strain: other: Canton S wild type  
Route of admin.: oral feed  
Doses: 0, 60 ppm in 4 % ethanol  
Result: negative

Method: other: see ME  
Year: 1989  
GLP: no data  
Test substance: other TS: purity: > 99 %

Method: In order to obtain individuals for larval treatment Canton-S  
females and males were mated and eggs exposed in vials with  
standard cornmeal food containing the chemical plus solvent  
alone. Adult males emerging from the treatment were mated  
at approximately 24 hours of age with two successive harems  
of three to five Basc females to establish two single day  
broods. Males were then discarded and two conventional SLRL  
assay were carried out.