

Atrazine / Review #45/10-28-81/2 pages

Toxicology Branch/HED Review



Releasable

Registration No(s)::

Pesticide Petition No(s):: OE 2398 Revised Section F

Caswell No(s)::

63

Chemical(s):

Atrazine

RAC(s) - tolerance(s): Guava 0.05 ppm

Inert(s) cleared 180.1001:

Existing % of ADI occupied: 3.42

Resulting % of ADI occupied: ~~3.42~~ 3.42

Resulting % increase in TMRC: none

ADI printout attached: YES/NO

Existing regulatory actions against registration:

RPAR status:

TOX "one-liner" attached: YES/NO

Data considered in setting the tolerance:

Data gaps: Two teratology studies and one oncogenic study in mice

Recommendation: No objection to change

Comments:

Reviewer:

Robert L. Lohr

Date:

10/28/81

Section Head:

ok for UBS

OCT 28 1981

CFR 180.220

Atrazine

10/23/81

File last updated 10/23/81

ACCEPTABLE DAILY INTAKE DATA

Dog mg/kg	NOEL ppm	S.F.	ADI mg/kg/day	MPI mg/day(60kg)
3.750	150.00	100	0.0375	2.2500

Published Tolerances

CROP	Tolerance	Food Factor	mg/day(1.5kg)
Corn, all types(38)	0.250	2.51	0.00941
Macadamia nuts(87)	0.250	0.03	0.00011
Pineapple(123)	0.250	0.30	0.00111
Sorghum(147)	0.250	0.03	0.00011
Sugar, cane&beet(154)	0.250	3.64	0.01364
Wheat(170)	0.250	10.36	0.03886
Eggs(54)	0.020	2.77	0.00083
Milk&Dairy Products(93)	0.020	28.62	0.00358
Meat, inc poultry(89)	0.020	13.85	0.00415
Millet(94)	0.250	0.03	0.00011

MPI	TMRC	% ADI
2.2500 mg/day(60kg)	0.0769 mg/day(1.5kg)	3.42

Current Action PP# 0E2398

CROP	Tolerance	Food Factor	mg/day(1.5kg)
Guava(184)	0.050	0.03	0.00002

MPI	TMRC	% ADI
2.2500 mg/day(60kg)	0.0770 mg/day(1.5kg)	3.42
