To: Kathryn Guyton[GuytonK@iarc.fr]; Rusyn, Ivan[IRusyn@cvm.tamu.edu]
From: Martin, Matt
Sent: Wed 7/1/2015 1:15:12 PM
Subject: RE: ToxRefDB question
glyphosate_41643801.csv
417300_4300_41643801_A_1_0008897.tif

Hi Kate,

Sorry to take so long to get back to you on this. I must have completely overlooked it. I was just looking up your email address and saw this email buried.

Attached is the glyphosate data as entered into ToxRefDB for this study. It does NOT have the kidney effects entered.

Also, only with a quick glance, I do not see any mentioning of kidney effects; do you have a page number?

Matt

~*

Matt Martin, PhD
Research Biologist | USEPA-ORD-NCCT
919-541-4104 | martin.matt@epa.gov

"It's tough to make predictions,

especially about the future." – Yogi Berra

~

From: Kathryn Guyton [mailto:GuytonK@iarc.fr]
Sent: Monday, June 01, 2015 2:09 PM
To: Martin, Matt; Rusyn, Ivan
Subject: Re: ToxRefDB question

Thank you, Matt!

I have a (hopefully) quick question regarding the rat study (Stout and Ruecker, MRID 41643801):

The ancient PDF (http://www.epa.gov/pesticides/chemicalsearch/chemical/foia/cleared-reviews/reviews/103601/103601-263.pdf) mentions kidney effects— see attached; are these in ToxRefDB?

Thanks so much for taking a look.

Kate

From: <Martin>, Matt <Martin.Matt@epa.gov>
Date: Monday 1 June 2015 19:46
To: Kate Guyton <guytonk@iarc.fr>, "Rusyn, Ivan" <IRusyn@cvm.tamu.edu>
Subject: RE: ToxRefDB question

Hi Kate,

The most recent release of toxrefdb is actually on our toxcast data download page. Apologies but we have had some issues maintaining versioning.

http://epa.gov/ncct/toxcast/data.html

Animal Toxicity Studies: Effects & Endpoints (Toxicity Reference Database – ToxRefDB files)

The full database flat file is
toxrefdb_study_tg_effect_endpoint_AUG2014_FOR_PUBLIC_RELEASE.csv

Let me know if you have issues finding the Glyphosate data in the files.

Thanks,

Matt

~*

Matt Martin, PhD
Research Biologist | USEPA-ORD-NCCT
919-541-4104 | martin.matt@epa.gov

"It's tough to make predictions,

especially about the future." – Yogi Berra

~

From: Kathryn Guyton [mailto:GuytonK@iarc.fr]
Sent: Monday, June 01, 2015 12:25 PM
To: Rusyn, Ivan; Martin, Matt
Subject: ToxRefDB question

Dear Matt, Dear Ivan,

I hope you are both well. I have a basic (I.e., stupid) question on ToxRefDB. In searching on glyphosate, I arrive at the page below. It doesn't include all the studies mentioned in the draft, i.e., the study below. It also doesn't give the dose for the studies, or the effects….

Am I searching in the correct place/way? Any guidance appreciated.

Many thanks,

Kate

Stout & Ruecker, 1990

<other>StoutL, RueckerF (1990). Chronic Study of Glyphosate Administered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. MRID 41643801. Peer reviewed by EPA. Available from http://www.epa.gov/ncct/toxrefdb/</other>

http://actor.epa.gov/actor/GenericChemical?casrn=1071-83-6

Study Type:	
Species:	rat
Year:	1987
MRID:	40559401
Study Deficiences:	Classified as an acceptable dose range-finding study for a subsequent chronic study. Deficiencies: clinical chemistries only performed once and on a small number of animals, pancreas not histologically examined at low- and mid-dosage levels
Citation:	Stout, L.; Johnson, C. (1987) 90-day Study of Glyphosate Adminis- tered in Feed to Sprague/Dawley Rats: Proj. ID ML-86-351/EHL 86128. Unpublished study prepared by Monsanto Agricultural Co. 267 p.
Data Quality:	Acceptable Guideline (pre-1998)
Guideline No:	870.3100
Guideline Name:	Subchronic oral toxicity in rodents
Strain:	Sprague Dawley
Admin Method:	Feed
Admin Route:	Oral
Start:	0
Start Unit:	day
End:	3
End Unit:	month
Lot/Batch No:	XLG161
Purity:	95.21
Duration Comments:	
Animal/Dosing Comments:	

Study Type:	DEV
Species:	rabbit
Year:	1980
MRID:	46363
Study Deficiences:	
Citation:	Rodwell, D.E.; Tasker, E.J.; Blair, M.; Et Al. (1980) Teratology Study In Rabbits: Irdc No. 401-056. (Unpublished Study Received May 23, 1980 Under 524-308; Prepared By International Research And Development Corp., Submitted By Monsanto Co., Washington, D

Data Quality:	
Guideline No:	870.3700
Guideline Name:	Prenatal developmental toxicity study
Strain:	Dutch
Admin Method:	Gavage/Intubation
Admin Route:	Oral
Start:	6
Start Unit:	GD
End:	27
End Unit:	GD
Lot/Batch No:	XHJ-64
Purity:	98.7
Duration Comments:	Cesarean on GD 28.
Animal/Dosing Comments:	Rabbit: Dutch Belted.

Study Type:	DEV
Species:	rat
Year:	1980
MRID:	46362
Study Deficiences:	

Citation:	Rodwell, D.E.; Tasker, E.J.; Blair, A.M.; Et Al. (1980) Teratology Study In Rats: Irdc No. 401-054. (Unpublished Study Including Irdc No. 999-021; Received May 23, 1980 Under 524-308; Prepared By International Research And Development Corp., Submitted By
Data Quality:	Acceptable Guideline (pre-1998)
Guideline No:	870.3700
Guideline Name:	Prenatal developmental toxicity study
Strain:	Sprague Dawley
Admin Method:	Gavage/Intubation
Admin Route:	Oral
Start:	6
Start Unit:	GD
End:	19
End Unit:	GD
Lot/Batch No:	XHJ-64
Purity:	98.7
Duration Comments:	
Animal/Dosing Comments:	Rats: COBS SD CD

Species:	rat
Year:	1990
MRID:	41621501
Study Deficiences:	
Citation:	Reyna, M. (1990) Two Generation Reproduction Feeding Study with Glysophate in Sprague-Dawley Rats: Lab Project No: MSL-10387. Unpublished study prepared by Monsanto Agricultural Co. 1158 p.
Data Quality:	Acceptable Guideline (pre-1998)
Guideline No:	870.3800
Guideline Name:	Reproduction and fertility effects
Strain:	Sprague Dawley
Admin Method:	Feed
Admin Route:	Oral
Start:	11
Start Unit:	weeks (premating)
End:	2
End Unit:	generation
Lot/Batch No:	XLI-203
Purity:	97.67
Duration Comments:	
Animal/Dosing Comments:	Dose; ppm converted to mg/kg/day using conversion factor 1 ppm:0.05 mg/kg/day