

Message

From: ADAMS, STEPHEN A [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=113797]
Sent: 12/14/2010 6:07:35 PM
To: KLOPF, GARY J [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=162545]
CC: HEMMINGHAUS, JOHN W [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=521714]; DYSZLEWSKI, ANDREW D [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=102676]; LASARTE, MARTIN A [AG/5001] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=22015]; KAVANAS, DIEGO [AG/5001] [/O=MONSANTO/OU=LA-5001-01/CN=RECIPIENTS/CN=191954]; GUIBERT, MELISA [AG/5000] [/O=MONSANTO/OU=LA-5000-01/CN=RECIPIENTS/CN=661675]; WATSON, GREGORY R [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=GRWATS]; HEYDENS, WILLIAM F [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=230737]; FARMER, DONNA R [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=180070]; SALTMIRAS, DAVID A [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=DASALT]; MORRISON, BRINNON L [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=BLMORR1]
Subject: Re: Response Need - Re: Glyphosate Questions (Argentina); FW: publicaciones CASAFE en la página

All:

We have information and data to address most all of this. There are basically 2 parts that I see - 1) the chronic toxicity of glyphosate and its impurities and metabolites, and 2) the toxicity of the POEA surfactants.

With regards to the carcinogenicity of our formulations we don't have such testing on them directly but we do have such testing on the glyphosate component and some extensive tox testing on the surfactant. Since the glyphosate formulations are simply a blend of these components, I think we can address these questions in a confident manner. The biggest factor is time. With the approaching holiday season it may be several weeks before we can have the detailed response which this deserves prepared.

I have copied in the Tech Center people who would need to be involved in preparing the response and invite there comment. I will also follow-up with them.

Steve

From: KLOPF, GARY J [AG/1000]
To: ADAMS, STEPHEN A [AG/1000]
Cc: HEMMINGHAUS, JOHN W [AG/1000]; DYSZLEWSKI, ANDREW D [AG/1000]; LASARTE, MARTIN A [AG/5001]; KAVANAS, DIEGO [AG/5001]; GUIBERT, MELISA [AG/5000]
Sent: Tue Dec 14 08:28:57 2010
Subject: Response Need - Re: Glyphosate Questions (Argentina); FW: publicaciones CASAFE en la página

Steve,

Could you and/or someone else in the Regulatory group respond to the questions Martin has raised?

Thanks,

Gary [REDACTED]

From: HEMMINGHAUS, JOHN W [AG/1000]
Sent: Monday, December 13, 2010 4:58 PM
To: KLOPF, GARY J [AG/1000]
Cc: DYSZLEWSKI, ANDREW D [AG/1000]
Subject: FW: publicaciones CASAFE en la página

From: LASARTE, MARTIN A [AG/5001]
Sent: Monday, December 13, 2010 3:37 PM
To: HEMMINGHAUS, JOHN W [AG/1000]; DYSZLEWSKI, ANDREW D [AG/1000]
Cc: KAVANAS, DIEGO [AG/5001]; GUIBERT, MELISA [AG/5000]
Subject: FW: publicaciones CASAFE en la página

John, Andy:

Please can you contact me with the right person to answer the bellow question regarding glyphosate formulations metabolites and potential carcinogenic properties? We also would need some comprehensive information about POEAs surfactants

The request is to assist us regarding some discussions talking place with some Universities and we don't have that kind of knowledge within the region.

Specifically we would need to understand:

- 1) Why Roundup formulations are not carcinogenic? What are their most relevant metabolites and what study showed they are not?
- 2) NNG and formaldehyde are the 2 impurities with known carcinogenic properties that we follow very closely with FAO standards. Are they also present on the metabolites?

- 3) I know from the process stand point that the AMPA is also a impurity we have under control. Is AMPA also a metabolite? Is it carcinogenic?
- 4) POEAs surfactant definition and classification. Why are they questioned?

It would be very comprehensive if there is a table showing the metabolites, their concentration on a regular basis, they carcinogenic properties and the limits

Thank you! Martin

From: FARINATI, JUAN M [AG/5000]

Sent: Lunes, 13 de Diciembre de 2010 10:45 a.m.

To: VILAPLANA, ADRIAN [AG/5000]; ALVAREZ ARANCEDO, MIGUEL [AG/5000]; PINA, JUAN [AG/5000]; PAVELY, CHLOE [AG/5000]

Cc: LASARTE, MARTIN A [AG/5001]; LIZARRAGA, DARDO S [AG/5001]

Subject: RE: publicaciones CASAFE en la página

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Monsanto Argentina S.A.I.C.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]: VILAPLANA, ADRIAN [AG/5000]
Sent: Lunes, 13 de Diciembre de 2010 08:57
To: ALVAREZ ARANCEDO, MIGUEL [AG/5000]
Cc: FARINATI, JUAN M [AG/5000]
Subject: RV: publicaciones CASAFE en la página

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

De: Pablo Grosso [REDACTED]
Para: FARINATI, JUAN M [AG/5000]; VILAPLANA, ADRIAN [AG/5000]
Enviado: Sun Dec 12 16:26:40 2010
Asunto: RV: publicaciones CASAFE en la página

[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]

Abrazo.

Pablo.

De: Augusto Piazza [REDACTED]
Enviado el: Viernes, 10 de Diciembre de 2010 10:11 p.m.
Para: 'Pablo Grosso'; [REDACTED] Etiennot particular Tato

CC: 'Juan C JAIME'; Jorge Perez Lissarrague; [REDACTED]

Asunto: RE: publicaciones CASAFE en la página

[REDACTED]

[REDACTED]