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SUBJECT:

Request for the extension of the experimental permit for use of the herbicide glyphosate (Roundup) on corn, soybeans, cotton and wheat.

DATE: July 18, 1975

FROM:

TB

TO:

Product Manager #25, SRS

Registration #: 524-EXP-21G

Related petitions: 5F1536; 5G1523; 4G1444

Formulation:

ACTIVE INGREDIENT:

Glyphosate (N-phosphonomethyl glycine),
Isopropylamine salt 41.0%

INERT INGREDIENTS:Recommendation:

No additional toxicity data was submitted or is necessary to grant as extension of this experimental use permit.

Before final registration, however, [redacted] must be more completely characterized and cleared as an inert under Section 180.1001(d). Clearances must also be obtained for [redacted]

The following acute data were reviewed in connection with PP 5G1523 (R. Landolt, 8-21-74)

INFORMATION DELETED

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Acute Oral LD50 (technical)(rat)-4320 mg/kg

Acute Dermal (rabbit)-no signs of systemic toxicity at 7940 mg/kg.

Acute Inhalation (rat-4 hrs. exposure)
41% formulation-no signs of systemic toxicity at 12.2 mg/l.

Primary Skin Irritation (rabbit)
Technical-0/8
30% formulation - 2.3/8 (mild irritant)

Primary Eye Irritation (rabbit)
Technical - max. 12.6/110 in 1 hr.
30% - max 16/110 in 1 hr.
Normal in 7 days

Human Subacute Dermal (patch test)
15 exposures; 1:9 dilution of
30% formulation -
Results: non-irritant; non-sensitizer

Diana M. Reisa

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Toxicology Branch
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cc: Branch Reading File

DMReisa:gac 7/18/75

Initial: O.E. Paynter

OEP 7/28/75