YOUNGER LABORATORIES

INCORPORATED

186 CLIFF GAVE ROAD SAINT LOUIS, MO. 63100

[illegible]

1-17-74
Y-73-285

Toxicologic Investigation of: [illegible]

Lot Number: [illegible]

Date: January 17th, 1974

TO: MONSANTO COMPANY
St. Louis, Missouri

Project No. Y-73-285

ACUTE ORAL TOXICITY

Species: Sprague-Dawley Albino Rats

LD50: 1,460 Mg/Kg 95% Confidence Limits: 1,390 - 1,530 Mg/Kg

CONDITIONS: Single Oral Dose - Undiluted

	Dosage Mg/Kg	Initial Weight Male	Initial Weight Female	Mortalities/Death Male	Mortalities/Death Female	Combined	Time of Mortality
1	[illegible]	[illegible]	[illegible]	0/1	1/3	0/5	One to two days
2	1360	[illegible]	[illegible]	0/1	1/2	2/5	
3	[illegible]	[illegible]	[illegible]	1/2	1/3	3/5	
4	[illegible]	[illegible]	[illegible]	2/3	1/2	3/5	
5	[illegible]	[illegible]	[illegible]	2/3	3/3	5/5	
6							

Signs of Intoxication: Reduced appetite and activity (one to two days in survivors), increasing weakness, collapse, and death.

Gross Autopsy Descriptions: Lung and liver hyperemia and acute gastrointestinal inflammation.

Survivors: 14 Days Viscera appeared normal.

ACUTE DERMAL TOXICITY

Species: New Zealand Albino Rabbits

LD50: > 5,010 Mg/Kg 95% Confidence Limits: ---- Mg/Kg

CONDITIONS: Applied undiluted - 24-hours exposure

	Dosage Mg/Kg	Initial Weight Male	Initial Weight Female	Mortalities/Death Male	Mortalities/Death Female	Combined	Time of Mortality
1	[illegible]	[illegible]	[illegible]	0/1	---	0/1	
2	[illegible]	[illegible]	[illegible]	---	0/1	0/1	
3	[illegible]	[illegible]	[illegible]	0/1	---	0/1	
4	7940	2.2	2.0	1/1	0/1	1/2	3 days
5							
6							

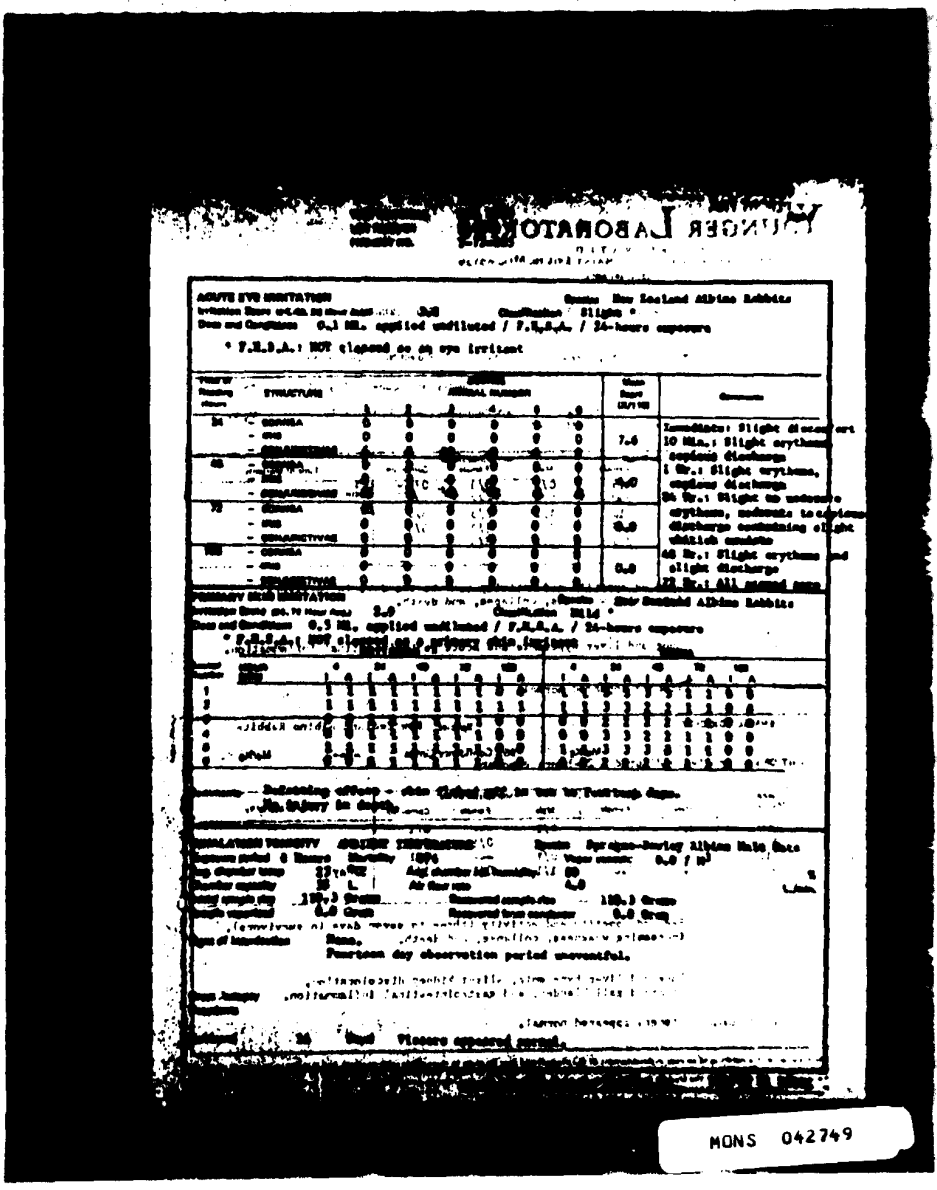
Signs of Intoxication: Reduced appetite and activity (three to seven days in survivors), increasing weakness, collapse, and death.

Gross Autopsy Descriptions: Lung and liver hyperemia, slight kidney discoloration, enlarged gall bladder, and gastrointestinal inflammation.

Survivors: 14 Days Viscera appeared normal.

[illegible]

MONS 042748



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