

ALAN E. ARDIS (dec.), : WORKERS' COMPENSATION COMMISSION
JEAN ARDIS (widow)

Claimant

vs. : THIRD DISTRICT

OLIN CORPORATION, : OCT 26 , 1983

Respondent

SUMMARY OF EVIDENCE OF SOME SPECIFIC
CHEMICALS USED BY ALAN ARDIS

Although Respondent stipulates that Dr. Ardis personally performed laboratory experiments from 1952 through 1959, only four of Dr. Ardis' laboratory notebooks from this period have been provided. Moreover, the entries from these books provide only a sketchy record of Dr. Ardis' laboratory work. For example, the laboratory book beginning with page 50801, dated Dec. 19, 1952, has major lacunae in the period covered; the book has no work listed for June, 1953; one day only for May, 1953; one day for July, 1953; 2 days for August 1953; 3 days for Sept. 1953; and 2 days for October 1953. Similarly, the laboratory book beginning with page 101251, dated 11/2/54, lists 3 or fewer days worked in 11/54, 1/55, 3/55, 5/55, 6/55, 9/55, 11/55, 2/56, 3/56, 4/56; and no entries at all for experimental work in 4/55, 7/55, 8/55, 10/55, 1/56, and May through November, 1956; the entries for 12/56 et seq. are merely notations of samples sent for testing. Therefore

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there is no record of experimental work done by Dr. Ardis from May, 1956 through 1959. Clearly, then, the records for Dr. Ardis' experimental work have not been fully discovered, if extant. And there is no record of the experiments supervised by Dr. Ardis after 1959, except the testimony of Dr. Churchill.

The records which are available, in part summarized below, provide evidence of a wide variety of chemicals used by Dr. Ardis; and it is submitted by claimant that, with the other testimony and the stipulated facts of Dr. Ardis' lab experience, these records provide the basis for an inference of continued usage of a wide variety of chemicals identical with and similar to those previously used by Dr. Ardis and Mr. Ozolins, particularly with respect to common laboratory solvents.

Ardis Chemicals

<u>chemical compound</u>	<u>lab. book (id. by beginning page #) or other source</u>	<u>page</u>	<u>year</u>
benzene	101251	101251,-252	1954
	50801	50803,-843	1952
	41001	41001,-011, -024,-034,	1952
	A 29701	A 29777	1973/77
	81051	81086,-87	1953
monochlorobenzene	41001	41010,-024	1952
benzoyl peroxide	101251	101251	1954
	50801	50802,-828	1952
	81051	81080,-098	1953

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<u>chemical compound</u>	<u>lab. book (id. by beginning page #) or other source</u>	<u>page</u>	<u>year</u>
dichlorobenzoyl peroxide	50801	50803	1952
di enclialkylated benzene	101251	101256	1954
bromo benzene	81051	81092	1953
ethyl benzene	81051	81098,-99	1953
diphenyl methane	81051	81099	1953
hydracrylonitrile	101251	101266	1954
acrylonitrile	50801	50806(plan);	1952
acetonitrile	81051	81089	1953
chloromethyl ether	101251	101276	1954
chloromethyl acetate	81051	81089	1953
divinyl acetate	101251	101271	1954
vinyl acetate	50801	50843	1954
	101251	101271	1954
vinylacetylene	50801	50806(plan)	1952
VCN, V(CN) ₂ (vinyl cyanide, vinylidene cyanide)	50801	50802, 50803	1952
	41001	41013,-20	1952
diacetyl cyanide	41001	41010,-011	1952
diacetyl di-benzo furan	50801	50834	1952

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<u>chemical</u>	<u>lab. book</u>	<u>page</u>	<u>year</u>
dioxane	50801 A29701	50834 29756	1952 73/77
hydroquinone	50801	50802	1952
polyvinyl cyanide vinylidene cyanide	41001 41001	41003, 41010	1952
nitriles (plan)	41001 A29701	41012 29708	1952 73/77
adiponitrile suberonitrile	41001 50801	41042,-46 50846(plan)	1952 1952
methylene chloride	50801	50813,-818,-824	1952
methyallylchloride	41001 81051	41041,-48 81062	1952 1953
phenanthrolenes	A29701	29756, 29776	73/77
trichloro methane	A29701	A29775	73/77
CCl ₄ (carbon tetrachloride)	81051 testimony of Dr. Churchill	81052,-70,-72,-74	1953
vinyl chloride (vinylidene chloride) (VCL ₂ , VCL ₄)	81051	81070,-72,-74	1953

In addition, Dr. Churchill's testimony re the vinyl chloride plant for which Dr. Ardis directed operations and directed vinyl chloride lab. work substantiates vinyl chloride exposure 1968-1971

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mono, dichloro ethylene	81051	81088	1953
ethylene dichloride	testimony of Dr. Churchill		1960'
chloromethyl esters	81051	81089	1953
pesticides	testimony of Dr. Churchill: pesticide research with Dr. Karabinos		1963-196

<u>chemical</u>	<u>lab. book</u>	<u>page</u>	<u>year</u>
hexachloro cyclo pentadiene	81051	81060,-78,-61	1953
dichloro dimethyl hexane	81051	81092,-95 101252	1953 1954
diphenyl methane	81051. 101251	81099 101262	1953 1954
dichloro butene	81051	81055	1953
ethylene cyanhydrin acetate	101251	101266	1954
ditolyl methane	101251	101269	1954
tetra chloro p-xylene	101251	101270	1954
laprolactams	50801	50801	1952
lactam of o-amino pheny- gamma butyric acid	50801	50801	1954
amino phenyl butyro lactam	41001	41034	1952
triphenyl phosphate	50801	50841	1952
semicarbazone	50801	50842	1952
methyl ethyl ketone (MEK)	50801	50848	1952
methacrylate	101251	101277	1954
methyl cyano acrylate	50801	5043	1954

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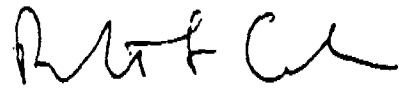
<u>chemical</u>	<u>lab. book</u>	<u>page</u>	<u>year</u>
p-cymene	101251	101254	1954
dicumic acid	101251	101259	1954
dimethyl dicumate	101251	101262	1954
dimethyl terephthalate	101251 50801	101262 50841	1954 1952
dimethyl phthalate	50801	50803	1954
terephthaldehyde	41001	41015 <u>et seq.</u>	1952
polyethylene terephthalate	81051	81065 <u>et seq.</u>	1953
antimony trioxide	101251	101262,-264	1954
cyclohexanone	50801	50819	1952
tolyl isobutyl methyl ketone	50801	50844	1952
dimethyl formamide	41001	41013	1952
ethyl chloro carbonate	41001	41037	1952
petroleum ether	A29701 81051	A29767 etc. 81055,-84,-86	73/77 1953
trichloromethane	A29701	A29775	73/77
dichlorobutene	81051	81055	1953
hexachloropropane	81051	81070,-74	1953
oxalyl chloride	81051	81080	1953
ditolyl methane	81051	81084	1953
4-methybenzophenone			
4' carboxylic acid	81051	81092	1953

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Submitted pursuant to formal hearing 9/14/83 at partial
summary of evidence of chemical exposure.

THE CLAIMANT

BY 
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CERTIFICATION:

This is to certify that a copy of the foregoing was mailed
postage prepaid to William Prout, Esq., Wiggin & Dana, 195 Church
Street, New Haven, Conn. on the 26th day of Oct, 1983.


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