

BIODEGRADATION TEST PROGRAM

Provide Degradation Rates of Material Submitted for Testing

Business Group	Product (In order of Priority)	Testing Procedure	Location	Method of Analysis	Start Up Date	Estimated Completion Date
Functional Fluids	MCS 1043	1. Activated Sludge	St. Louis	EC/GC	8-10-70	2-71
	MCS 1-16	2. River Die-Away	St. Louis	EC/GC	11-3-70	1-4-71
	Aroclor 1242	3. Shake Flask	Ruabon	EC/GC	Underway	?
	Aroclor 1254					
	Aroclor 5432	1. Activated Sludge	St. Louis	?	Holding until further analytical method development work is completed	
	Aroclor 5442	2. River Die-Away	St. Louis	?		
	Arobrom 5465		St. Louis	?		
	Trichloro- benzene	1. Activated Sludge	St. Louis	EC/GC	10-27-70	4-71
		2. River Die-Away	St. Louis	EC/GC	11-3-70	1-4-71
	Gulf 200 Bright Stock	1. Activated Sludge	St. Louis	FID/GC	12-1-70	6-71
		2. River Die-Away	St. Louis	FID/GC	12-1-70	2-2-71
	Neville Uniclor 40					
	MCS 717 MCS 762 penta-Biphenyl Isomers hexa Biphenyl Isomers	Shake Flask	Ruabon	EC/GC	Underway	?
	NC Phosphate Cresyl Diphenyl Phosphate Tributyl Phos- phate Tricresyl Phos- phate Diphenyl Sulfone Tolyl Xylol Sulfone Trichloro Di- phenyl Ether Monobromodi- chlorobenzene (Cont'd)	Materials to be incorporated into program as equipment and manpower become available.				

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Functional Fluids (Cont'd)	2,2'-dichlorodi- phenyl ether Cumylphenol Isopropylphenyl Phosphate Orthoxenyldi- phenyl Phosphate Xylyl Phosphate Ester (Fyrquel 220)					
Elasticizers	MIPB HB-40	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	UV and FID/GC	5-27-70 8-31-70	Initial work completed; report to be issued
	Aroclor 5460	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	?	Holding until further analytical method develop- ment work is completed	
	Aroclor 1221	1. Activated Sludge 2. River Die- Away	St. Louis	EC/GC	10-27-70	4-71
			St. Louis	EC/GC	11-18-70	1-19-71
	Santicizer 711M	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	?	Holding until analytical method development complete	
	IN-425 IN-420	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	Hold -	Potential economic and acute toxicity problems	

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(Cont'd)

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Business Group	Product (In order of Priority)	Testing Procedure	Location	Method of Analysis	Start Up Date	Estimated Completion Date
Food and Fine Chemicals	3,4,4'-Trichloro- carbanilide	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	UV UV	7-27-70 8-28-70	Initial work completed; report to be issued
	3,3',4-Tri- chlorocarbanil- ide 3,3',4,4'-Tetra- chlorocarbanil- ide Santophen I	River Die-Away	St. Louis	UV	8-28-70	Initial work completed; report to be issued
	General Chemicals	p-Nitrochloro- benzene o-Nitrochloro- benzene p-Chloroaniline nitrated orthene	1. Activated Sludge 2. River Die- Away	St. Louis St. Louis	?	Analytical method development work to be initiated 11-23-70.

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