



September 24, 2003 SEP 27 AM 9:15

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By Hand Delivery

Document Processing Center (7407)
Office of Pollution, Prevention and Toxics
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N. W.
Washington, DC 20460
Attention: Section 8(e) Coordinator

Re: **TSCA Section 8(e) Submissions**

Dear Sir/Madam:

3M Company ("3M") requests that EPA place the attached studies in the TSCA Section 8(e) docket. We have included a master index for these studies identifying the study title, test substance and CAS number. A Confidential Business Information (CBI) version of this index and the studies also is being submitted today pursuant to EPA procedures. 3M has not provided CBI substantiation with this submission, but would be willing to do so at the Agency's request.

3M has concluded that data in these studies may not be, strictly speaking, "corroborative" of previously reported or published information as defined in EPA's reporting guidance or otherwise potentially may warrant 8(e) submission based on EPA's reporting guidance.

3M appreciates EPA's attention to this matter. Please contact the undersigned if you have any questions or require further information regarding this submission.

Very truly yours,

Katherine E. Reed (g.a.r.)

Dr. Katherine E. Reed, Ph.D
Staff Vice President
Environmental Technology and Safety
Services
(651) 778-4331
kereed@mmm.com



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Master Index to Studies Submitted Under TSCA 8(e) by 3M Company on September 24, 2004
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Study Information		CAS Information	
Primary Eye Irritation Study - Rabbits	20% solids (Ethomeen S/12 1.0M with diethyl sulfate 0.94M); 80% water [Ethomeen S/12 = R-N(Et) + (C ₂ H ₄ OH) ₂ where R=C ₁₈ with 1-2 double bonds]		
Guinea Pig Contact Dermal Irritation/Sensitization		20% (61791-24-0 with 64-67-5); 80% 7732-18-5	
Primary Eye Irritation Study - Rabbits	Butanoic acid, heptafluoro-, calcium salt	2366-98-5	
Acute Oral Toxicity Screen with T-2712CoC in Albino Rabbits	perfluorohexanoic acid	307-24-4	
Primary Skin Irritation Test with T-2726Ec (Repeat Application) in Albino Rabbits			
Acute Ocular Irritation Test with T-2725Ec in Albino Rabbits			
Sensitization Study with T-2741AC in Albino Guinea Pigs			
Oral Rangefinder Study of T-3140BS in Pregnant Rats	1-[3'-(perfluorooctanesulfonate) anilino amide]-2-potassium 3,4,5,6-tetrachlorophthalate	57589-85-2	
Oral Rangefinder Study of T-3139BS in Pregnant Rats	80% 1-[3'-(perfluorooctanesulfonate) anilino amide]-2-potassium 3,4,5,6-tetrachlorophthalate; 5% C7 homolog; 5% C5 homolog; 5% C4 homolog; 5% C6 homolog	80% 57589-85-2; 5% 68541-01-5; 5% 68541-02-6; 5% 68568-54-7; 5% 68815-72-5	
Acute Ocular Irritation Test with T-2997CoC in Albino Rabbits	perfluoroethylcyclohexylsulfonic acid diethanol amine salt	salt of 133201-07-7 and 111-42-2	
Sensitization Study with T-3386 in Albino Guinea Pigs			
In Vitro Microbiological Mutagenicity Assays of 3M Company's Compound T-3411			

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Study Identification		Chemical Identification	
Acute Oral Toxicity Screen with T-3448 in Albino Rats	68% poly(oxy-1,2-ethanediyl), alpha-[2-ethyl]([heptadecylfluorooctyl)sulfonylamino]ethyl-omega-hydroxy-; 12% polyethylene glycol; 7% water; 4.86% poly(oxy-1,2-ethanediyl), alpha-[2-ethyl]([pentadecylfluorohexyl)sulfonylamino]ethyl-omega-hydroxy-; 4% residual organic fluorochlorine; 3% heptadecylfluoro-1-octanesulfonic acid; 0.81% poly(oxy-1,2-ethanediyl), alpha-[2-ethyl]([undecylfluoropentyl)sulfonylamino]ethyl-omega-hydroxy-; 0.3% 1,4-dioxane; 0.2% n-ethylperfluorooctanesulfonamidoethyl alcohol; 0.03% linear n-ethylperfluorooctanesulfonamide	68% 29117-08-6; 12% 25322-68-3; 7% 7732-18-5; 4.86% 56372-23-7; 4.05% 68298-79-3; 3.24% 68298-81-7; 3% 1763-23-1; 0.81% 68298-80-6; 0.3% 123-91-1; 0.2% 1691-99-2; 0.03% 4151-50-2	
In Vitro Microbiological Mutagenicity Assays of 3M Company's Compound T-3516			
Acute Dermal Toxicity Study with T-3451 in Albino Rabbits	C8F17SO2N(CH3)Na	Unknown	
Acute Oral Toxicity - Method, Summary, Pathology; Primary Dermal Irritation - Method, Summary; Primary Eye Irritation - Method, Summary; Guinea Pig Maximization - Method, Summary			
Acute Oral Toxicity - Method, Summary, Pathology; Primary Dermal Irritation - Method, Summary; Primary Eye Irritation - Method, Summary;			
Dermal Sensitization Study in Guinea Pigs, Maximization Test - Method, Summary			
4 Hour Acute Aerosol Inhalation Toxicity Study with T-3825 in Rats			
Primary Eye Irritation/Corrosion Study in Rabbits			
4-Hour Acute Aerosol Inhalation Toxicity Study with T-3825 in Rats			

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T-3820: Acute Inhalation Toxicity Test	[]	[]	[]	[]
T-3821: Acute Inhalation Toxicity Test	[]	[]	[]	[]
T-3845 Acute Inhalation Toxicity Test	[]	[]	[]	[]
Evaluation of the Acute Inhalation Toxicity of T-3920 in the Rat	[]	[]	[]	[]
Primary Eye Irritation Study in Rabbits - Method, Summary	[]	[]	[]	[]
Acute Oral Toxicity Study in Rats (OECD Guidelines)	[]	[]	[]	[]
Acute Inhalation Toxicity Study with T-4129 in the Rat	[]	[]	[]	[]
Acute Inhalation Toxicity Study with T-4130 in the Rat	[]	[]	[]	[]
Acute Oral Toxicity Study in Rats; Acute Dermal Irritation Study in Rabbits; Acute Eye Irritation Study in Rabbits	[]	[]	[]	[]
Dermal Sensitization Study in Guinea Pigs - Maximization Test	[]	[]	[]	[]
Mutagenicity Test on T-4413 []	[]	[]	[]	[]
Mouse Lymphoma Forward Mutation Assay with Duplicate Cultures	[]	[]	[]	[]
Acute Inhalation Toxicity Study with T-4354 in the Rat	[]	[]	[]	[]
Primary Dermal Irritation/Corrosion Study in Rabbits	[]	[]	[]	[]
Acute Inhalation Toxicity Study in the Rat with T-4397	[]	[]	[]	[]
Primary Eye Irritation/Corrosion Study of T-5261 in Rabbits	[]	[]	[]	[]
Acute Inhalation Toxicity Evaluation on T-5231 in Rats	[]	[]	[]	[]
4-Hour, Acute Inhalation Toxicity Study with T-5305 in Rats	[]	[]	[]	[]
4-Hour, Acute Inhalation Toxicity Study (Limit Test) with T-5343.1 in Rats	[]	[]	[]	[]

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Study	Chemical Name	CAS Number
4-Hour, Acute Inhalation Toxicity Study With T-5306 in Rats	[]	[]
4-Hour, Acute Inhalation Toxicity Study (Limit Test) with T-5357.1	[]	[]
Acute Dermal Toxicity Study of T-4201 in Rabbits	Lithium Bis(Trifluoromethanesulfonyl)imide	90076-65-6
Subacute 28-Day Oral Toxicity with T-2816 by Daily Gavage in the Rat Followed by a 14 Day Recovery Period	[]	[]
Subacute 28-Day Oral Toxicity with T-2816 by Daily Gavage in the Rat Followed by a 14-Day Recovery Period	[]	[]
Acute Inhalation Toxicity Evaluation on T-5187 in Rats	[]	[]
T-4240 4-Week Oral Toxicity Study in Rats	[]	[]
Dermal Sensitization Study of T-5473 in Guinea Pigs - Maximization Test	[]	[]
4-Hour, Acute Inhalation Toxicity Study With T-5698 in Rats	[]	[]
Acute Inhalation Toxicity Evaluation On T-5708 in Rats	[]	[]
T-5486 Assessment of Cardiac Sensitization Potential in Dogs	octafluoropropane	76-19-7
Acute Inhalation Toxicity Evaluation on T-5655 in Rats	[]	[]
T-4201 4 Week Oral Toxicity Study in Rats with 2-Week Recovery Period	Lithium Bis(Trifluoromethanesulfonyl)imide	90076-65-6
T-5658: Eye Irritation to the Rabbit	[]	[]
Acute Inhalation Toxicity Evaluation on T-5715 in Rats	[]	[]
Acute Inhalation Toxicity Evaluation on T-5716 in Rats	[]	[]
Acute Inhalation Toxicity Study of T-5724 in Rats	[]	[]
Acute Inhalation Toxicity Study of T-5725 (Resin Solution) in Rats	[]	[]

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Study Title	Study Number	Study Date	Study Status
Acute Inhalation Toxicity Study (Limit Test) of T-5927 in Rats			
Acute Inhalation Toxicity Study of T-5928 in Rats (LC50)			
Acute Inhalation Toxicity Evaluation on T-5829 in Rats			
Single-Dose Intravenous Pharmacokinetic Study of T-5963 in Rabbits			
Single-Dose Intravenous Pharmacokinetic Study of T-6030 in Rabbits			
5-Daily Dose Dermal Absorption/Toxicity Study of T-6029 and T-6032 in Rabbits	87-93% fluorinated alkyl alkoxylates; 4-10% linear N-ethyl perfluorooctanesulfonamide; 2-4% poly(oxy-1,2-ethanediyl), alpha-[2-ethyl]l(pentadecafluorohexyl)sulfonylaminoethyl-omega-methoxy; 0-4% residual organic fluorochlorides; 0-2% c8 sulfonamide; 0.1-1% 1-heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-; miscellaneous components (each less than 1%)	87-93% 68958-61-2; 4-10% 4151-50-2; 2-4% 68958-60-1; 0-2% 31506-32-8; 0.1-1% 68957-62-0	
Single-Dose Intravenous Pharmacokinetic Study of T-6061 in Rabbits			
Single-Dose Intravenous Pharmacokinetic Study of T-6065 in Rabbits			
Single-Dose Intravenous Pharmacokinetic Study of T-6063 in Rabbits			
Acute Inhalation Toxicity Study of T-6235 in Rats			
Primary Dermal Irritation/Corrosion Study of T-6402 in Rabbits			
Dermal Sensitization Study of T-6402 in Guinea Pigs- Maximization Test (EC Guidelines)			
Acute Eye Irritation/Corrosion Study with T-6318 in the Rabbit	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonfluoro-, Sodium Salt		
		102061-82-5	

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Primary Skin Irritation / Corrosion Study with T-6567 in the Rabbit (4-Hour Semi-Occlusive Application)			
Assessment of Contact Hypersensitivity to T-6318 in the Albino Guinea Pig (Maximization Test)	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonfluoro-, Sodium Salt	102061-82-5	
Single-Dose Intravenous Pharmacokinetic Study of T-6502 in Rabbits			
Single-Dose Intravenous Pharmacokinetic Study of T-6504 in Rabbits			
Single Dose Intravenous Pharmacokinetic Study of T-6506 in Rabbits			
A Study for Effect on Embryofetal Development of the Rat (Inhalation Administration)	20-80% methyl nonfluorobutyl ether; 20-80% methyl nonfluorobutylether	20-80% 163702-08-7; 20-80% 163702-07-6	
Bacterial Reverse Mutation Test of T-6695			
5-day Inhalation Toxicity of Perfluorocyclohexene (I): T-6678 in Rats	70% crude perfluorocyclohexene; 30% perfluoromethylcyclopentene	70% 355-75-9	
5-Daily Dose Dermal Absorption/Toxicity Study of T-6502 and T-6503 in Rabbits			
Primary Eye Irritation/Corrosion Study of T-6786 in Rabbits	Lithium Bis(perfluoroethylsulfonfyl)imide	132843-44-8	
Primary Dermal Irritation/Corrosion Study of T-6804 in Rabbits	Lithium Bis(perfluoroethylsulfonfyl)imide	132843-44-8	
5-Day Inhalation Toxicity Screen of HFE []	c-C6F11OCH3	4943-08-2	
Primary Eye Irritation/Corrosion Study of T-6804 in a Rabbit (OECD Guidelines)	Lithium Bis(perfluoroethylsulfonfyl)imide	132843-44-8	
Acute Oral Toxicity Study of T-6804 in Rats (OECD Guidelines)	Lithium Bis(perfluoroethylsulfonfyl)imide	132843-44-8	
Dermal Sensitization Study of T-6908 in Guinea Pigs, Mazimization Test (EC Guidelines)			

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Study Title	Chemical Name	Study Number	Study Date
Eye Irritation/Corrosion Study of T-4127 in the Rabbit	N-Me Fos Amide-Triphenylbenzyl Phosphonium Chloride Complex: D-1624	31506-32-8	
Single-Dose Intravenous Pharmacokinetic Study of T-6924 in Rabbits			
Dermal Sensitization Study of T-6924 in Guinea Pigs - Maximization Test (EC Guidelines)			
Dermal Sensitization Study of T-7003 in Guinea Pigs - Maximization Test (EC Guidelines)			
Report of Sera and Liver Data for [] Monoester - Preliminary ADME Study in Rats	N-ethyl heptadecafluoro-N12-(phosphonoxy)ethyl] octanesulfonamide diammonium salt	67969-69-1	
[] Diester-Pharmacokinetic Study in Rats (Study No. T-7043, 1, DT-26)	ammonium bis[ethyl(perfluorooctane)sulfonyl]phosphate	30381-98-7	
Single Dose Intravenous Pharmacokinetic Study with T-7082 in Rabbits			
[] Monoester - Pharmacokinetic Study in Rats (Study No. T-6997, 2)	N-ethyl heptadecafluoro-N12-(phosphonoxy)ethyl] octanesulfonamide diammonium salt	67969-69-1	
Determination of PFOS Presence and Concentration in Serum from the Dermal Absorption Studies of T-7106 and T-7107 in Hra(NZW)SPF Rabbits			
Dermal Sensitization Study of T-7285.5 in Guinea Pigs - Maximization Test (EPA/OECD Guidelines)			
Twenty-eight Day Repeated-Dose Oral Toxicity Study of T-6861 in Rats	Lithium Bis(perfluoroethylsulfon)imide	132843-44-8	
Twenty-eight Day Repeated Dose Oral Toxicity Study of T-7005 in Rats			

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Acute (4-Hour) Inhalation Toxicity of Test Atmospheres Obtained after Heating [] in Rats	[]	[]	[]
Toxicokinetic Study of Perfluorooctanesulfonamidoacetate ([]: T-7071,2) in Rats	perfluorooctanesulfonamido carboxylic acid	2806-24-8	[]
Acute Nose-Only Inhalation Toxicity Study of T-7087, T-7088, T-7089 and T-7090 in Rats (Limit Test)	[]	[]	[]
Acute Ocular Irritation Study of T-7485 Applied to New Zealand White Rabbits	[]	[]	[]
Toxicokinetic Study of Perfluorooctane Sulfonamide (PFOSA: T-7132,2) in Rats	potassium nonafluorobutanesulfonate	29420-49-3	[]
Acute Four-Hour Inhalation Study in Rats	perfluorooctanesulfonamide	754-91-6	[]
Primary Eye Irritation/Corrosion Study of T-7508,2 in Rabbits	perfluorobutanesulfonyl Fluoride (96-98%) And Perfluorosulfolane (2-4%)	96-98% 375-72-4; 2-4% 42060-64-0	[]
MV31 K-Salz: Test for Primary Dermal Irritation in the Rabbit	[]	[]	[]
Assessment of Acute Oral Toxicity with T-7560 in The Rat (Acute Toxic Class Method)	[]	[]	[]
Acute Eye Irritation/Corrosion Study with T-7560 in the Rabbit	[]	[]	[]
[] Potassium bis-(perfluorobutanesulfonyl)imide	[]	[]	[]
Repeat Dose ADME Study in Rats	Potassium bis(perfluorobutanesulfonyl)imide	129135-87-1	[]
Toxicity Study by Repeat Dose Inhalation Administration to CD Rats for 4 Weeks	Perfluorobutanesulfonyl Fluoride (96-98%) And Perfluorosulfolane (2-4%)	96-98% 375-72-4; 2-4% 42060-64-0	[]
A Sub-acute (28 Day) Inhalation Toxicity Study, Including a Recovery Study, with T-7479 in Rats	1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	756-13-8	[]
Xenobiochemical Receptor trans-Activation by Perfluorooctane-based Chemicals	perfluorooctanesulfonamide	754-91-6	[]

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	84% 1-octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt; 5.5% potassium (perfluorohexyl)sulfonate; 4% potassium nonafluorobutanesulfonate; 4% potassium perfluoroheptanesulfonate; 2% potassium perfluoropentanesulfonate; 0.5% unknown	84% 2795-39-3; 5.5% 3871-99-6; 4% 29420-49-3; 4% 60270-55-5; 2% 3872-25-1
Acute Inhalation Toxicokinetic Study of Perfluorooctanesulfonyl Fluoride (POSF) T-7098.4	95% N-ethylperfluorooctanesulfonamidoethyl alcohol; 5% 1-heptanesulfonamide N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-N-(2-hydroxyethyl)-	95% 1691-99-2; 5% 68555-73-7
Five-Day Inhalation Toxicity Study of HFE [] in Male CD Rats	perfluorooctanesulfonyl fluoride	307-35-7
Acute Toxicity Screen of Perfluorocyclohexene (T-6878) in Rats	c-C6F11-CF2-O-CH3	181214-67-5
[] (T-7056)	70% crude perfluorocyclohexene; 30% perfluoromethylcyclopentene	70% 355-75-9
Toxicokinetic Study in Rats	N-Methyl Perfluorobutylsulfonamide = 95% 1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-Nonafluoro-n-Methyl; 5% N-Methyl-4-Hydro-Perfluorobutylsulfonamide	68298-12-4
Assessment of Acute Oral Toxicity with T-7601.3 in the Rat (Acute Toxic Class Method)		
Subchronic 90-Day Oral Toxicity Study with T-7320 By Daily Gavage in the Rat Followed by a 28-Day Recovery Period		
Protein Binding of Perfluorobutane Sulfonate, Perfluorohexane Sulfonate, Perfluorooctane Sulfonate and Perfluorodecane Sulfonate to Plasma (Human, Rat, and Monkey), and Various Human-Derived Plasma Protein Fractions	84% 1-octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt; 5.5% potassium (perfluorohexyl)sulfonate; 4% potassium nonafluorobutanesulfonate; 4% potassium perfluoroheptanesulfonate; 2% potassium perfluoropentanesulfonate; 0.5% unknown	84% 2795-39-3; 5.5% 3871-99-6; 4% 29420-49-3; 4% 60270-55-5; 2% 3872-25-1
	potassium nonafluorobutanesulfonate	29420-49-3
	potassium (perfluorohexyl)sulfonate	3871-99-6

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Study Information		Accession Number	Chemical Name
Five Day Inhalation Toxicity Study of [] Monochloride, [] and HCF ₂ C ₂ 5cb in Male CD Rats	potassium perfluorooctanoate	2395-00-8	
	C4F9-OCH ₂ Cl	205367-42-6 (n-isomer) and 221617-86-3 (l-isomer)	
	c-C6F11-CF ₂ -O-CH ₃	181214-67-5	
	CF ₂ ClCF ₂ CHClF	507-55-1	
Toxicokinetic Screen of [] (T-7483) in Rats	C7F15C(O)N(H)CH ₃	89685-56-3	
	84% 1-octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-, potassium salt; 5.5% potassium (perfluorohexyl)sulfonate; 4% potassium nonafluorobutanesulfonate; 4% potassium perfluoroheptanesulfonate; 2% potassium perfluoropentanesulfonate; 0.5% unknown	84% 2795-39-3; 5.5% 3871-99-6; 4% 29420-49-3; 4% 60270-55-5; 2% 3872-25-1	
Low Level Oral Perfluorooctanesulfonate (PFOS) Dose Toxicokinetic Study in Rats: Serum and Liver PFOS			

