

Appendix D2
Substances in Aqueous Solutions Tested in the LLNA - Comparative Data (Sorted
Alphabetically)

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Substances in Aqueous Solutions Tested in the LLNA - Comparative Data (Sorted Alphabetically)

Substance Name	CASRN	Formulation Type	LLNA Conc. Tested (%)	LLNA Sis	LLNA EC ₃ (%)	LLNA Vehicle	LLNA Mouse strain	LLNA Result ¹	LLNA Reference	Overall LLNA Result ¹ (Majority)	GP Cal ²	GP Test	GP Reference	Human Call	Human References
A SC600		NA	10, 25, 50, 100	1.4, 1.8, 2.3, 1.6	NC	1% L92	CBA/J	-	Bayer Crop Science, submitted by: E. Debruyne,	-	-	BT	Submitted by: E. Debruyne, Bayer Crop Science	NA	NT
AE F016382 00 TK71 A101		NA	3.6, 7.1, 17.9, 35.7	1.0, 0.8, 1.0, 1.1	NC	1% L92	CBA/J	-	Bayer Crop Science, submitted by: E. Debruyne,	-	-	BT	Submitted by: E. Debruyne, Bayer Crop Science	NA	NT
2-Aminoethyl-methylsulfone	49773-20-8		10, 25, 50	0.4, 0.3, 0.3	NC	0.5% Tween 80/H ₂ O		-	GSK ³	-	NA		NT	NA	NT
Atrazine	1912-24-9	SC	12.5, 25 50 75, 100	1.8, 2.8, 3.6, 7.1, 7.3	31.3	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Dow Chemical	+	-	GPMT	NA	NA	NT
			7.33, 100	0.8, 2.9, 3.7	41.4	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Dow Chemical						
BASF #1		NA	10, 30, 70	2.0, 2.9, 4.9	31.2	1% L92	CBA/Ca	+	BASF, submitted by C. Hastings	+	NA	NA	NA	NA	NT
BASF #2		NA	3, 10, 30	0.8, 1.0, 3.0	29.7	1% L92	CBA/J	+	BASF, submitted by C. Hastings	+	NA	NA	NA	NA	NT
BASF #4		NA	3, 10, 50	2.4, 2.7, 5.4	14.1	1% L92	CBA/Ca	+	BASF, submitted by C. Hastings	+	NA	NA	NA	NA	NT
BASF #5		NA	3, 10, 50	1.6, 1.2, 3.9	36.9	1% L92	CBA/Ca	+	BASF, submitted by C. Hastings	+	NA	NA	NA	NA	NT
BASF #6		NA	3, 10, 30	2.7, 9.9, 23.1	0.3	1% L92	CBA/Ca	+	BASF, submitted by C. Hastings	+	NA	NA	NA	NA	NT
BASF SC-1		SC	3, 10, 30	0.8, 1.3, 1.9	NC	1% L92	CBA/Ca	-	BASF, submitted by C. Hastings	-	-	BT	NA	NA	NT
BASF SE-1		SE	10, 30, 70	8.0, 17.3, 22.7	5.5	1% L92	CBA/Ca	+	BASF, submitted by C. Hastings	+	-	BT	NA	NA	NT
1-Butanol	71-36-3		5, 10, 20	1.6, 1.2, 1.4	NC	H ₂ O		-	Ryan et al. (2000); Gerberick et al. (2005)	-	NA	NA	NT	-	Ryan et al. (2000)
D EC25®		EC	0.5, 1.0, 2.5	0.6, 0.6, 0.6	NC	1% L92	CBA/Ca	-	Bayer Crop Science, submitted by: E. Debruyne,	-	-	BT	NA	NA	NT
D EW 15		EW	2.5, 5.0, 10.0, 25.0	1.9, 1.5, 2.5, 2.5	NC	1% L92	CBA/J	-	Bayer Crop Science, submitted by: E. Debruyne,	-	-	BT	NA	NA	NT
n-[2-(diethylamino)ethyl]-2-[[[4-(4-fluorophenyl)-methyl]thio]-4,5,6,7-tetrahydro-4-oxo-n-[1,1'-biphenyl]-4-yl]methyl]-1h-cyclopentapyrimidine-1-acetamide	356057-34-6		5, 10, 25	1.1, 2.4, 12.7	10.8	80% ETOH		+	GSK	+	NA	NA	NT	NA	NT
1,4-Dihydroquinone	123-31-9		0.05, 0.1, 0.25, 0.5, 1.0	0.7, 1.0, 0.9, 1.9, 1.9	NC	ACE/saline (1:1)		-	Lea et al. (1999)	+	NA	NA	NT	NA	NT
		0.05, 0.1, 0.25, 0.5, 1.0, 2.5, 5, 10	1.4, 0.8, 1.2, 1.3, 1.9, 6.8, 10.9	1.3	ACE/saline (1:1)	+									
2,4-Dinitrobenzene sulfonic acid	89-02-1		1, 10, 20	1.7, 1.5, 4.4	15.2	H ₂ O		+	Ryan et al. (2002)	+	NA	NA	NT	NA	NT
		1, 10, 20	0.9, 4.4, 11.6	6.4	1% Pluronic L92/H ₂ O	+									
Dinocap	39300-45-3	EC	0.8, 4, 21	2.2, 25.8, 14.4	0.9	1% L92	CBA/Ca	+	ECPA LLNA Project Report submitted by: BASF	+	+	BT	NA	NA	NT
			0.8, 4, 20	1.3, 11.5, 15.6	1.3	1% L92	CBA/J	+							
			0.8, 4, 21	2.0, 4.0, 26.7	1.1	1% L92	CBA/J	+							
			0.8, 4, 10	1.3, 4.1, 10.9	2.8	1% L92	CBA/JHsd	+							
			0.8, 4, 10	2.7, 22.9, 40.5	0.8	1% L92	CBA/CaOlaiHsd	+							
EXP 10810 A		NA	10, 25, 50	6.4, 8.4, 9.2	2.1	1% L92	CBA/J	+	Bayer Crop Science, submitted by: E. Debruyne,	+	+	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT
EXP 11120 A		NA	10, 25, 50, 100	1.0, 0.7, 1.6, 5.3	64.9	1% L92	CBA/J	+	Bayer Crop Science, submitted by: E. Debruyne,	+	-	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT
F & Fo WG 50 + 25		WG	2.5, 5.0, 10.0, 25.0	11.7, 12.6, 14.4, 15.2	0.0	1% L92	CBA/J	+	Bayer Crop Science, submitted by: E. Debruyne,	+	-	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT
FAR01042-00		NA	10, 25, 50, 100	1.4, 2.1, 1.4, 2.5	NC	1% L92	CBA/J	-	Bayer Crop Science, submitted by: E. Debruyne,	-	-	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT
FAR01060-00		NA	10, 25, 50, 100	0.4, 0.8, 1.0, 3.6	88.5	1% L92	CBA/J	+	Bayer Crop Science, submitted by: E. Debruyne,	+	-	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT

Substance Name	CASRN	Formulation Type	LLNA Conc. Tested (%)	LLNA Sis	LLNA EC ₃ (%)	LLNA Vehicle	LLNA Mouse strain	LLNA Result ¹	LLNA Reference	Overall LLNA Result ¹ (Majority)	GP Call ²	GP Test	GP Reference	Human Call	Human References
Formaldehyde	50-00-0		1, 10, 20	1, 2, 2.5, 3.6	14.5	H ₂ O		+	ECPA LLNA Project Report; Ryan et al. (2002)	+	NA	NA	ECPA LLNA Project Report; Andersen et al. (1984); Wahlberg and Boman (1985)	NA	ECPA LLNA Project Report
			1, 10, 20	2, 4.8, 8.8	4.2	1% Pluronic L92/H ₂ O		+							
			1, 5, 20	1.1, 3.8, 10.6	3.8	1% Pluronic L92/H ₂ O		+							
			1, 5, 20	1, 2.2, 6.2	8	1% Pluronic L92/H ₂ O		+							
			1, 5, 20	1.6, 2.6, 12	5.6	1% Pluronic L92/H ₂ O		+							
			1, 5, 20	1.1, 2.5, 4.8	8.2	1% Pluronic L92/H ₂ O		+							
			1, 5, 20	0.8, 1.3, 4.8	12.3	1% Pluronic L92/H ₂ O		+							
Formulation 1		SC	5, 20, 80	1.1, 1.3, 1.3	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 10		EW	2, 10, 50	1, 1, 5.2	29.0	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 11		OD	0.4, 2, 10	1.2, 1.2, 3.2	9.2	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 12		EC	0.2, 1, 5	1.2, 3, 11.6	1.00	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 13		EC	1, 5, 25	1.2, 1.3, 10.4	8.7	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 14		CS	0.1, 1, 10	0.7, 0.7, 1.3	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 15		CS	0.2, 1, 5	0.8, 1.4, 3.2	4.6	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 16		EC	1, 5, 25	1.3, 2.2, 12.3	6.6	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 17		SL	5, 25, 75	1.7, 9.3, 18.5	8.4	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 19		EC	1, 10, 25, 50	4.9, 7.9, 20, 50.5	0.0	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 2		SE	5, 20, 80	2, 3.4, 15.8	NC	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	-	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 20		SE	2, 10, 50	1.1, 1.4, 3.3	0.4	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 21		TK	5, 25, 100	1.3, 1.2, 1.9	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 22		ME	5, 25, 100	1.2, 1.4, 5.8	0.5	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 23		SL	5, 25, 100	0.8, 1, 1	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 24		OD	2, 10, 50	1.4, 4.1, 11.7	0.1	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 25		EC	1, 5, 25	1.8, 2.6, 14.7	0.1	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 26		EC	1, 5, 25	1, 1, 4	0.2	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 27		EC	1, 5, 25	2.3, 2.5, 11.2	0.1	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 28		SC	5, 25, 100	1, 1, 1.1	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 29		SC	5, 25, 100	1.8, 1.6, 1.5	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 3		SC	5, 20, 80	1, 1.2, 1.7	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	-	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 30		EW	5, 25, 100	1.8, 7.2, 13.6	0.1	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 31		CS	5, 25, 100	1, 1.9, 1.8	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 32		EC	5, 25, 100	6.5, 44.7, 69.3	0.0	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 33		SL	5, 25, 100	0.7, 1.4, 1.3	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 34		SL	5, 25, 100	1.9, 1.4, 1.5	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 35		SL	5, 25, 100	1.1, 1.2, 1.3	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 37		EC	1, 5, 15	1.4, 2.7, 7.5	0.1	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 38		EC	5, 25, 100	1.1, 4.6, 12.7	0.2	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 39		OD	1, 5, 25	1.7, 2.5, 3.3	0.2	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 4		SL	5, 25, 100	1.4, 1.1, 1.2	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 40		OD	1, 5, 25	1.8, 2.8, 5.7	0.1	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 41		SE	5, 25, 100	1.9, 1.9, 4.7	0.5	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 42		SL	10, 50, 100	NA	1.0	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT

Substance Name	CASRN	Formulation Type	LLNA Conc. Tested (%)	LLNA Sis	LLNA EC ₃ (%)	LLNA Vehicle	LLNA Mouse strain	LLNA Result ¹	LLNA Reference	Overall LLNA Result ¹ (Majority)	GP Call ²	GP Test	GP Reference	Human Call	Human References
Formulation 43		CS	5, 25, 75	NA	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 44		SC	5, 25, 100	NA	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 45		SC	5, 25, 100	NA	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 46		SC	5, 25, 100	NA	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	-	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 47		EW	5, 25, 100	NA	0.4	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 49		AL	5, 25, 100	0.7, 1.4, 4.7	0.6	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 5		EC	3, 10, 30	1.4, 4, 11.5	0.1	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 50		SL	5, 25, 100	1.2, 1.2, 14.7	0.4	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 51		OD	5, 25, 100	1.6, 4.5, 2.9	0.1	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 53		EW	2.5, 7.5, 15	1.5, 3.2, 6.7	0.1	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 54		SL	5, 25, 100	1.3, 1.2, 2.3	NC	1% L92	CBA/J	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 55		EW	5, 25, 100	1.5, 2.5, 3.7	0.6	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 56		SL	5, 25, 100	3.3, 6.1, 3.9	0.0	1% L92	CBA/J	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 6		EW	5, 20, 80	1.3, 2.7, 11.6	0.2	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 7		SC	20, 80, 100	1, 1.9, 3.2	1.0	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	-	BT	Submitted by Dow AgroSciences	NA	NT
		SC	5, 20, 80	2.6, 1.4, 3.2	0.7	1% L92	BALB/c	+					Submitted by Dow AgroSciences	+	NA
Formulation 8		EC	1, 5, 25	0.9, 1.1, 7.3	0.1	1% L92	BALB/c	+	Submitted by Dow AgroSciences	+	NA	NA	Submitted by Dow AgroSciences	NA	NT
Formulation 9		SC	4, 20, 80	1.1, 1.7, 1.3	NC	1% L92	BALB/c	-	Submitted by Dow AgroSciences	-	NA	NA	Submitted by Dow AgroSciences	NA	NT
Fx + Me EW 69		EW	5.0, 10.0, 25.0, 50.0	0.8, 1.6, 3.0, 8.6	25.2	1% L92	CBA/J	+	Bayer Crop Science, submitted by: E. Debruyne,	+	-	BT	Bayer Crop Science, submitted by: E. Debruyne,	NA	NT
Glutaraldehyde	111-30-8		3.1, 6.2, 12.5	9.8, 21.4, 22.9	2.1	DMF/H ₂ O (1/1)		+	Gerberick et al. (1992)	+	NA	NA	NT	NA	NT
Hexyl cinnamic aldehyde	101-86-0		3, 10, 30	1.2, 4.6, 18	6.7	1% Pluronic L92/H ₂ O		+	ECPA LLNA Project Report	+	NA	NA	NT	NA	NT
			3, 10, 30	1.9, 4.2, 9.2	7	1% Pluronic L92/H ₂ O		+							
			3, 10, 30	1.9, 2.2, 10.3	12	1% Pluronic L92/H ₂ O		+							
			3, 10, 30	1.1, 2.5, 15.6	10.8	1% Pluronic L92/H ₂ O		+							
			3, 10, 30	1.3, 2.2, 4.3	17.6	1% Pluronic L92/H ₂ O		+							
Methyl 4-hydroxybenzoate	99-76-3		10, 25, 50	0.8, 0.9, 0.8	NC	80% ETOH		-	Ryan et al. (2000)	-	NA	NA	NT	NA	Ryan et al. (2000)
Methyl 2-nonyanoate	111-80-8		5, 10, 20	10.4, 17.7, 24.4	2.5	80% ETOH		+	Ryan et al. (2000); Basketter et al. (2005); Gerberick et al. (2005)	+	NA	NA	NT	+ ⁸	Ryan et al. (2000); Basketter et al. (2005)
			NA	NA	2.5	80% ETOH		+							
Neomycin sulfate	1405-10-3		0.5, 1, 2	0.9, 0.9, 0.9	NC	25% ETOH		-	Basketter et al. (1994); Basketter et al. (1999a); Gerberick et al. (1992); Schneider and Akkan (2004)	-	+	BT	Gad et al. (1986); Basketter et al. (1999a)	+ ^{8,9}	Basketter et al. (1994); Kligman (1966); Magnusson and Kligman (1969); Marzulli and Maibach (1974); Schneider and Akkan (2004)
Oxyfluorfen	42874-03-3	EC	1, 7, 33	0.81, 1.4, 4.9	30.8	1% L92	CBA/Ca	+	ECPA LLNA Project Report submitted by: BASF	+	-	GPMT	ECPA LLNA Project Report submitted by: Dow Chemical	NA	NT
			1, 7, 33	0.9, 1.4, 2.8	NC	1% L92	CBA/J	-							
			1, 7, 33	0.3, 0.9, 2.3	NC	1% L92	CBA/J	-							
			1, 7, 33	1.1, 1.5, 3.1	30.8	1% L92	CBA/JHsd	+							
			1, 7, 33	1.2, 1.2, 5.4	18.1	1% L92	CBA/CaOlaHsd	+							
Pluronic L92	NA		1, 2.5, 5, 10, 25, 50	1.3, 1.0, 1.0, 0.8, 0.8, 2.0	NC	H ₂ O		-	Ryan et al. (2002)	-	NA	NA	NT	NA	NT
Propylene glycol	57-55-6		50, 100	1.2, 1.6	NC	H ₂ O		-	Basketter et al. (1998); Basketter et al. (1999a); Gerberick et al. (2005)	-	-	GPMT	Guillot et al. (1983); Wahlberg and Boman (1985); Gad et al. (1986); Basketter et al. (1999a)	+ ⁹	Kligman (1966); Basketter et al. (1998); Basketter et al. (1999a)
Quinoxifen	124495-18-7	SC	7, 33, 100	1.1, 0.7, 0.8	NC	1% L92	CBA/J	-	ECPA LLNA Project Report submitted by: Dow Chemical	-	-	BT	ECPA LLNA Project Report submitted by: Dow Chemical	NA	NT

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Quinoxifen/cyproconazole	124495-18-7/ 113096-99-4	NA	7, 33, 100	2.1, 10.7, 20.3	9.8	1% L92	CBA/Ca	+	ECPA LLNA Project Report submitted by: BASF	+	+	BT	ECPA LLNA Project Report submitted by: Dow Chemical	NA	NT
			7, 33, 100	1.2, 7.2, 12.4	14.8	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Bayer						
			7, 33, 100	0.4, 3.8, 2.0	26.9	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Dow Chemical						
			7, 33, 100	1.4, 2.0, 6.2	49.8	1% L92	CBA/JHsd	+	ECPA LLNA Project Report submitted by: Dow Chemical						
			7, 33, 100	1.3, 6.5, 13.6	15.5	1% L92	CBA/CaOlaHsd	+	ECPA LLNA Project Report submitted by: Dupont						
			12.5, 25, 50, 75, 100	2, 2.3, 8.6, 15.8, 30.1	27.8	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Syngenta/RCC						
Saturated diglycerin	NA		25, 50, 100	1.4, 2.1, 1.9	NC	ETOH/H ₂ O	-	TNO Report ³	-	NA	NA	NT	NA	NT	
Sodium lauryl sulfate	151-21-3		5, 10, 25	3.0, 4.8, 8.5	4.9	1% Pluronic L92/H ₂ O		+	BGIA Project FP251 ⁶	+	NA	NA	NT	NA	Kligman (1966)
Sodium metasilicate	6834-92-0		2, 4, 6	0.9, 1.4, 1.3	NC	15% ETOH		-	NTP Study ⁷	-	NA	NA	NT	NA	NT
Trifluralin	1582-09-8	EC	7, 33, 100	6.0, 30.0, 75.2	5.8	1% L92	CBA/Ca	+	ECPA LLNA Project Report submitted by: BASF	+	-	BT	ECPA LLNA Project Report submitted by: Dow Chemical	NA	NT
			7, 33, 100	1.9, 8.7, 25.7	11.2	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Bayer						
			7, 33, 100	3.1, 26.3, 61.5	7.0	1% L92	CBA/J	+	ECPA LLNA Project Report submitted by: Dow Chemical						
			7, 33, 100	1.0, 7.0, 16.1	15.6	1% L92	CBA/JHsd	+	ECPA LLNA Project Report submitted by: Dupont						
			7, 33, 100	1.8, 8.2, 20.5	11.9	1% L92	CBA/CaOlaHsd	+	ECPA LLNA Project Report submitted by: Syngenta/RCC						

Abbreviations: AL = Any other liquid; AOO = Acetone olive-oil (4:1); ACE = Acetone; BT = Buehler Test; Conc. = Concentration; CS = Capsule suspension; DMF = Dimethyl formamide; DMSO = Dimethyl sulfoxide; EC = Emulsion concentrate; ECPA = European Crop Protection Association; EW = Emulsion, oil in water; GPMT = Guinea Pig Maximization Test; LLNA = Local Lymph Node Assay; OD = Oil dispersion; ME = Micro-emulsion; NA = Not Available; NC = Not Calculated; NT = Not Tested; PG = Propylene glycol; SC = Suspension concentrate; SE = Suspo-emulsion; SI = Stimulation Index; SL = Soluble concentrate; TK = Technical concentrate

¹Overall LLNA result based on the majority and/or most severe result: "+" = Sensitizer; "-" = Non-sensitizer.

²BT or GPMT result.

³Data from GlaxoSmithKline (GSK) were submitted by M.J. Olson.

⁴The LLNA Project Report was submitted by the European Crop Protection Association (ECPA).

⁵Netherlands Organisation for Applied Scientific Research (TNO) Report submitted by the Comité Européen des Agents de Surface et de Leurs Intermédiaires Organiques (European Committee of Surfactants and Their Organic Intermediates) submitted by K. Skirda.

⁶Berufsgenossenschaftliches Institut für Arbeitsschutz (BGIA - German Institute for Occupational Safety and Health) Report submitted by H.W. Vohr.

⁷National Toxicology Program (NTP) data submitted by D. Germolec.

⁸Data obtained from the Human Repeat Insult Patch Test.

⁹Data obtained from the Human Maximization Test