

ANNEX B
**(Formulations and Physicochemical
Properties of Formulations)**

B1 CHEMICALS

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
20% Myristalkonium chloride/ 20% Quaternium-14		Colgate-Palmolive Phase III validation study		100%				
1,2,3-Trichloropropane	96-18-4	Gautheron et al. 1994				100%	Liquid	
1,2,4-Trimethylbenzene	95-63-6	Gautheron et al. 1994				100%	Liquid	
1.5% branched alkyldimethylamine		Colgate-Palmolive Phase III validation study						
10% Polyoxyethylene (10) oleyl ether		Colgate-Palmolive Phase III validation study						
1-decanaminium, N-decyl-N,N-dimethyl, Cl-		Colgate-Palmolive Phase III validation study		50%				
1-Naphthalene acetic acid	61-31-4	Balls, Botham et al 1995; (ECETOC 1992)	95%	100%		100%	Solid	Pesticide
1-Naphthalene acetic acid	86-87-3	Balls, Botham et al 1995; (ECETOC 1992)	96%	100%		100%	Solid	Pesticide
1-Nitropropane	108-03-2	Gautheron et al. 1994				100%	Liquid	
1-Phenyl-3-pyrazolidone	92-43-3	Gautheron et al. 1994				20%	Solid	
2,2-Dimethylbutanoic acid	595-37-9	Balls, Botham et al 1995; (ECETOC 1992)	96%	100%		100%	Liquid	Acid
2,4-Dichloro-5-sulfamoylbenzoic acid	2736-23-4	Gautheron et al. 1994				20%	Solid	
2,4-Pentanedione	123-54-6	Gautheron et al. 1994				100%	Liquid	
2,5-Dimethylohexanediol	110-03-2	Balls, Botham et al 1995; (ECETOC 1992)	99.5%	100%		100%	Solid	Alcohol
2,6-Dichlorobenzoyl chloride	4659-45-4	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Aromatic (Acyl halide)
2.4% Imidazolium compound		Colgate-Palmolive Phase III validation study						
2.46% Lauryl hydroxysultaine		Colgate-Palmolive Phase III validation study						
2-Aminophenol	95-55-6	Gautheron et al. 1994				20%	Solid	
2-Ethoxyethanol	110-80-5	Gautheron et al. 1994				100%	Liquid	
2-Ethyl-1-hexanol	104-76-7	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Alcohol
2-Mercaptopyrimidine	1450-85-7	Gautheron et al. 1994				20%	Solid	
2-Methoxyethanol	109-86-4	Gautheron et al. 1994				100%	Liquid	

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
3.2% Benzalkonium chloride		Colgate-Palmolive Phase III validation study						
30% Dimethyltetradecylamine oxide		Colgate-Palmolive Phase III validation study						
36% Sodium methyl 2-sulfonate & disodium 2-sulfolaurate		Colgate-Palmolive Phase III validation study						
3-Glycidoxypropyltrimethoxysilane	2530-83-8	Gautheron et al. 1994				100%	Liquid	
4-Carboxybenzaldehyde	619-66-9	Balls, Botham et al 1995; (ECETOC 1992)	>95%	100%		100%	Solid	Aromatic (Aldehyde)
4-Carboxybenzaldehyde		Southee 1998						Aromatic (Aldehyde)
Acetone	67-64-1	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Ketone
Alkyldimethyl benzyl ammonium Cl-		Colgate-Palmolive Phase III validation study		5%				
Allyl alcohol	107-18-6	Gautheron et al. 1994				100%	Liquid	
Aluminum hydroxide	21645-51-2	Gautheron et al. 1994				20%	Solid	
Ammonium lauryl sulfate		Colgate-Palmolive Phase III validation study		12%				
Ammonium lauryl sulfate		Colgate-Palmolive Phase III validation study		28%				
Ammonium nitrate	6484-52-2	Balls, Botham et al 1995; (ECETOC 1992)	99.999%	100%		100%	Solid	Inorganic chemical
Ammonium nitrate		Southee 1998						Inorganic chemical
Ammonium nonoxyl-4 sulfate		Colgate-Palmolive Phase III validation study		10%				
Anthracene	120-12-7	Gautheron et al. 1994				20%	Solid	
Behentrimonium methosulfate & cetearyl alcohol		Colgate-Palmolive Phase III validation study		100%				
Benzalkonium chloride	8001-54-5	Balls, Botham et al 1995; (ECETOC 1992)	98%	5%		5%	Solution	Surfactant-cationic
Benzalkonium chloride	8001-54-5	Balls, Botham et al 1995; (ECETOC 1992)	98%	10%		10%	Solution	Surfactant-cationic
Benzalkonium chloride	8001-54-5	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	5%		5%	Liquid	Surfactant-cationic
Benzalkonium chloride	8001-54-5	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	10%		10%	Liquid	Surfactant-cationic

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		0.10%				Surfactant-cationic
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		0.50%				Surfactant-cationic
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		1%				Surfactant-cationic
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		2.50%				Surfactant-cationic
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		5%				Surfactant-cationic
Benzalkonium chloride		Colgate-Palmolive Phase III validation study		10%*				Surfactant-cationic
Benzalkonium chloride		Southee 1998						Surfactant-cationic
Benzalkonium chloride [1]	8001-54-5	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	1%		1%	Liquid	Surfactant-cationic
Benzalkonium chloride [1]/[2]	8001-54-5	Balls, Botham et al 1995; (ECETOC 1992)	98%	1%		1%	Solution	Surfactant-cationic
Benzethonium chloride		Colgate-Palmolive Phase III validation study		3.20%				Surfactant-cationic
Benzethonium chloride		Colgate-Palmolive Phase III validation study		1.00%				Surfactant-cationic
Benzethonium chloride	121-54-0	Gautheron et al. 1994				10%	Surfactant	Surfactant-cationic
Benzoyl-L-tartaric acid	2743-38-6	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Solid	
Betaine monohydrate	590-47-6	Gautheron et al. 1994				20%	Solid	
Branched alkyltrimethylamine		Colgate-Palmolive Phase III validation study		1.50%				
Branched alkyltrimethylamine		Colgate-Palmolive Phase III validation study		30%				
BRIJ-35	9002-92-0	Gautheron et al. 1994				10%	Surfactant	
Butyl cellosolve		Southee 1998						
Butyrolactone	96-48-0	Gautheron et al. 1994				100%	Liquid	
C10-12 Alcohol ethoxylate (PO)		Colgate-Palmolive Phase III validation study		100%				
C12-14 Alcohol ethoxylate 2EO		Colgate-Palmolive Phase III validation study						

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
C12-15 Alcohol ethoxylate EO7:1		Colgate-Palmolive Phase III validation study						
C12-16 Alcohol ethoxylate 3EO		Colgate-Palmolive Phase III validation study						
C9-11 Alcohol ethoxylate EO6:1		Colgate-Palmolive Phase III validation study						
Captan 90 concentrate	133-06-2	Balls, Botham et al 1995; (ECETOC 1992)	90%	100%		100%	Solid	Pesticide
Ceteareth-12		Colgate-Palmolive Phase III validation study		100%				
Cetrimonium chloride		Colgate-Palmolive Phase III validation study		2.50%				
Cetyl alcohol		Colgate-Palmolive Phase III validation study		100%				
Cetylpyridinium bromide	140-72-7	Balls, Botham et al 1995; (ECETOC 1992)	99%	0.10%		0.10%	Solution	Surfactant-cationic
Cetylpyridinium bromide	140-72-7	Balls, Botham et al 1995; (ECETOC 1992); Brantom, Bruner et al. 1997	99%	6%		6%	Solution	Surfactant-cationic
Cetylpyridinium bromide	140-72-7	Balls, Botham et al 1995; (ECETOC 1992)	99%	10%		10%	Solution	Surfactant-cationic
Cetylpyridinium bromide		Colgate-Palmolive Phase III validation study		10%				Surfactant-cationic
Cetylpyridinium bromide		Colgate-Palmolive Phase III validation study		0.1%*				Surfactant-cationic
Cetylpyridinium bromide		Colgate-Palmolive Phase III validation study		1%*				Surfactant-cationic
Chlorhexidine	50-56-1	Balls, Botham et al 1995; (ECETOC 1992)	Not stated	100%		100%	Solid	Miscellaneous
Cocamidopropyl betaine		Colgate-Palmolive Phase III validation study		10%				
Cocamidopropyl betaine		Colgate-Palmolive Phase III validation study		30%				
Cyclohexanol	108-93-0	Balls, Botham et al 1995; (ECETOC 1992)	97%	100%		100%	Liquid	Alcohol
Cyclohexanone	108-94-4	Gautheron et al. 1994				100%	Liquid	Alcohol
Decyl glucoside		Colgate-Palmolive Phase III validation study		10%				

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Deoxycholic acid, sodium salt	302-95-4	Gautheron et al. 1994				10%	Surfactant	
Diacetone alcohol	123-42-2	Gautheron et al. 1994				100%	Liquid	
Dibenzoyle-L-tartaric acid	2743-38-6	Gautheron et al. 1994				20%	Solid	
Dibenzyl phosphate	1623-08-1	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Solid	Organophosphate (Acid)
Didecyldimethyl ammonium chloride (DDAC)		Colgate-Palmolive Phase III validation study		5%				
Didecyldimethyl ammonium chloride (DDAC)		Colgate-Palmolive Phase III validation study		1%				
Didecyldimethyl ammonium chloride (DDAC)		Colgate-Palmolive Phase III validation study		3.20%				
Dimethyl sulfoxide	67-68-5	Gautheron et al. 1994				100%	Liquid	
Dimethylbiguanide	657-24-9	Gautheron et al. 1994				20%	Solid	
D _L -Glutamic acid	19285-83-7	Gautheron et al. 1994				20%	Solid	
EDTA di-potassium salt	25102-12-9	Gautheron et al. 1994				20%	Solid	
Ethanol	64-17-5	Balls, Botham et al 1995; (ECETOC 1992)	Not stated	100%		100%	Liquid	Alcohol
Ethanol	64-17-5	Gautheron et al. 1994				100%	Liquid	Alcohol
Ethanol		Southee 1998						Alcohol
Ethyl acetate	141-78-6	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Ester (Acetate)
Ethyl acetoacetate	141-97-9	Gautheron et al. 1994				100%	Liquid	
Ethyl trimethyl acetate	3938-95-2	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Ester (Acetate)
Ethyl-2-methylacetoacetate	609-14-3	Balls, Botham et al 1995; (ECETOC 1992)	ca 97% (by GC)	100%		100%	Liquid	Ester (Acetate)
Fomesafen	72128-02-0	Balls, Botham et al 1995; (ECETOC 1992)	97.5%	100%		100%	Solid	Pesticide
Furan	110-00-9	Gautheron et al. 1994				100%	Liquid	
Gammabutyrolactone	96-48-0	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Liquid	Miscellaneous
Gluconolactone	90-80-2	Gautheron et al. 1994				20%	Solid	
Glycerol	56-81-5	Balls, Botham et al 1995; (ECETOC 1992)	>99.5	100%		100%	Liquid	Alcohol
Glycerol	56-81-5	Brantom, Bruner et al. 1997; (ECETOC 1992)	>99.5	100%		100%	Viscous Liquid	Alcohol
Glycerol		Southee 1998						Alcohol

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Hexadecyltrimethylammonium bromide	57-09-0	Gautheron et al. 1994				10%	Surfactant	
Hexadecyltrimethylammonium bromide (10%)		Southee 1998						
Hexane	110-54-3	Gautheron et al. 1994				100%	Liquid	
Imidazole	288-32-4	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Solid	Heterocyclic
Imidazole	288-32-4	Brantom, Bruner et al. 1997; (ECETOC 1992)	>99%	100%		100%	Solid	Heterocyclic
Imidazole	288-32-4	Gautheron et al. 1994				20%	Solid	Heterocyclic
Imidazole		Southee 1998						Heterocyclic
Iminodibenzyl	494-19-9	Gautheron et al. 1994				20%	Solid	
Isobutanol	78-83-1	Balls, Botham et al 1995; (ECETOC 1992)	99.9%	99.9%		100%	Liquid	Alcohol
Isopropanol	67-63-0	Balls, Botham et al 1995; (ECETOC 1992)	99.9%	99.9%		100%	Liquid	Alcohol
Isopropanol	67-63-0	Brantom, Bruner et al. 1997; (ECETOC 1992)	99.9%	100%		100%	Liquid	Alcohol
L-Aspartic acid	70-47-3	Balls, Botham et al 1995; (ECETOC 1992)	100%	100%		100%	Solution	Acid
Lauryl glucoside		Colgate-Palmolive Phase III validation study		12%				
Laurylsulfobetaine	14933-08-5	Gautheron et al. 1994				10%	Surfactant	
Magnesium carbonate	56378-72-4	Gautheron et al. 1994				20%	Solid	
Maneb	12427-38-2	Balls, Botham et al 1995; (ECETOC 1992)	c.90	100%		100%	Solid	Pesticide
Methanol	67-56-1	Gautheron et al. 1994				100%	Liquid	
Methyl acetate	79-20-9	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Liquid	Ester (Acetate)
Methyl cyanoacetate	105-34-0	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Ester (Acetate)
Methyl ethyl ketone	78-93-3	Balls, Botham et al 1995; (ECETOC 1992); Brantom, Bruner et al. 1997	99%	100%		100%	Liquid	Ketone
Methyl ethyl ketone		Southee 1998						Ketone
Methyl isobutyl ketone	108-10-1	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Liquid	Ketone

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Methylcyclopentane	96-37-7	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Liquid	Hydrocarbon (Ketone)
Methylisobutyl ketone	108-10-1	Gautheron et al. 1994				100%	Liquid	
Myristalkonium chloride/Quaternium-14/Ethanol		Colgate-Palmolive Phase III validation study		3%				
Myristalkonium chloride/Quaternium-14/Ethanol		Colgate-Palmolive Phase III validation study		20%				
MYRJ-45		Gautheron et al. 1994				10%	Surfactant	
NaOH (10%)		Southee 1998						
n-Butyl acetate	123-86-4	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Ester (Acetate)
n-Hexanol	111-27-3	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Liquid	Alcohol
N-Lauroylsarcosine, sodium salt	7631-98-3	Gautheron et al. 1994				10%	Surfactant	
n-Octanol	111-87-5	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Liquid	Alcohol
Octanol	111-87-5	Gautheron et al. 1994				100%	Liquid	Alcohol
Parafluoraniline	371-40-4	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Miscellaneous (Aromatic)
Parafluoroaniline		Southee 1998						Miscellaneous (Aromatic)
Petroleum ether	8032-32-4	Gautheron et al. 1994				100%	Liquid	
Phenylbutazone	50-33-9	Gautheron et al. 1994				20%	Solid	
Polyethylene glycol 400	25322-68-3	Balls, Botham et al 1995; (ECETOC 1992)	Not stated	100%		100%	Viscous Liquid	Surfactant-nonionic
Polyethylene glycol 400	25322-68-3	Brantom, Bruner et al. 1997; (ECETOC 1992)	Not stated	100%		100%	Viscous Liquid	Surfactant-nonionic
Potassium cyanate	590-28-3	Balls, Botham et al 1995; (ECETOC 1992)	97%	100%		100%	Solid	Inorganic chemical
PPG-5 Ceteth-20		Colgate-Palmolive Phase III validation study						
PPG-5-Ceteth 20		Colgate-Palmolive Phase III validation study		100%				
Promethazine HCl	58-33-3	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Solid	Miscellaneous
Promethazine hydrochloride	58-33-3	Gautheron et al. 1994				20%	Solid	

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Propyl-4-hydroxybenzoate	94-13-3	Gautheron et al. 1994				20%	Solid	
Propyl-4-hydroxybenzoate		Southee 1998						
Propylene glycol	57-55-6	Brantom, Bruner et al. 1997; (ECETOC 1992)	Not stated	100%		100%		
Pyridine	110-86-1	Balls, Botham et al 1995; (ECETOC 1992)	>99.9%	100%		100%	Liquid	Heterocyclic
Pyridine	110-86-1	Gautheron et al. 1994				100%	Liquid	Heterocyclic
Quaternium-18		Colgate-Palmolive Phase III validation study		100%				
Quinacrine	69-05-6	Gautheron et al. 1994				20%	Solid	Misc.
Quinacrine	69-05-6	Balls, Botham et al 1995; (ECETOC 1992)	Not stated	100%		100%	Solid	Misc.
Shampoo #4		Colgate-Palmolive Phase III validation study		10%				
Sodium C14-16 olefin sulfonate		Colgate-Palmolive Phase III validation study		10%				
Sodium ether sulfate 3EO		Colgate-Palmolive Phase III validation study		30%				
Sodium hydroxide	1310-73-2	Balls, Botham et al 1995; (ECETOC 1992)	Reagent grade	1%		1%	Solution	Alkali
Sodium hydroxide	1310-73-2	Balls, Botham et al 1995; (ECETOC 1992)	Reagent grade	10%		10%	Solution	Alkali
Sodium hydroxide	1310-73-2	Brantom, Bruner et al. 1997; (ECETOC 1992)	Reagent grade	1%		1%	Solution	Alkali
Sodium hydroxide	1310-73-2	Brantom, Bruner et al. 1997; (ECETOC 1992)	Reagent grade	10%		10%	Solution	Alkali
Sodium laureth sulfate		Colgate-Palmolive Phase III validation study		12%				
Sodium laureth sulfate		Colgate-Palmolive Phase III validation study		25%				
Sodium lauroyl sarcosinate		Colgate-Palmolive Phase III validation study		10%				
Sodium lauroyl sarcosinate		Colgate-Palmolive Phase III validation study		30%				
Sodium lauryl sulfate	151-21-3	Balls, Botham et al 1995; (ECETOC 1992)	98%	3%		3%	Solution	Surfactant-anionic
Sodium lauryl sulfate	151-21-3	Balls, Botham et al 1995; (ECETOC 1992)	98%	15%		15%	Solution	Surfactant-anionic

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
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Sodium lauryl sulfate		Colgate-Palmolive Phase III validation study		3%*				Surfactant-anionic
Sodium lauryl sulfate		Colgate-Palmolive Phase III validation study		10%*				Surfactant-anionic
Sodium lauryl sulfate		Colgate-Palmolive Phase III validation study		15%				Surfactant-anionic
Sodium lauryl sulfate		Colgate-Palmolive Phase III validation study		20%				Surfactant-anionic
Sodium lauryl sulfate		Colgate-Palmolive Phase III validation study		30%				Surfactant-anionic
Sodium lauryl sulfate (15%)		Southee 1998						Surfactant-anionic
Sodium lauryl sulphate	151-21-3	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	3%		3%	Solution	Surfactant-anionic
Sodium lauryl sulphate	151-21-3	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	15%		15%	Solution	Surfactant-anionic
Sodium lauryl sulphate	151-21-3	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	30%		30%	Solution	Surfactant-anionic
Sodium linear alkylbenzene sulfonate		Colgate-Palmolive Phase III validation study						
Sodium methyl 2-sulfonate & disodium 2-sulfolaurate		Colgate-Palmolive Phase III validation study		39%				
Sodium oxalate	62-76-0	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Solid	
Sodium oxalate	62-76-0	Gautheron et al. 1994				20%	Solid	
Sodium oxalate		Southee 1998						
Sodium perborate, 4H ₂ O	10486-00-7	Balls, Botham et al 1995; (ECETOC 1992)	98.6%	100%		100%	Solid	Inorganic chemical
TEA-lauryl sulfate		Colgate-Palmolive Phase III validation study		20%				
Tetraaminopyrimidine sulfate	5392-28-9	Balls, Botham et al 1995; (ECETOC 1992)	97%	100%		100%	Solid	Heterocyclic
Tetraaminopyrimidine sulfate	5392-28-9	Gautheron et al. 1994				20%	Solid	Heterocyclic
Thiourea	62-56-6	Balls, Botham et al 1995; (ECETOC 1992)	>99%	100%		100%	Solution	Misc.
Toluene	108-88-3	Balls, Botham et al 1995; (ECETOC 1992)	99%	100%		100%	Liquid	Hycrocarbon (Aromatic)

Chemicals	CAS	Reference study	In Vivo Test		In Vitro Test		Physico-chemical properties	Chemical classes
			Purity	Concentration Tested	Purity	Concentration tested		
Trichloroacetic acid	76-03-9	Balls, Botham et al 1995; (ECETOC 1992)	Reagent grade	3.0%		3%	Solution	Acid
Trichloroacetic acid	76-03-9	Balls, Botham et al 1995; (ECETOC 1992)	Reagent grade	30%		30%	Solution	Acid
Trichloroacetic acid	76-03-9	Brantom, Bruner et al. 1997; (ECETOC 1992)	Reagent grade	30%		30%	Solution	Acid
Triethanolamine	102-71-6	Gautheron et al. 1994				100%	Liquid	
Triton X-100	9002-93-1	Balls, Botham et al 1995; (ECETOC 1992)	98%	10%		10%	Solution	Surfactant-nonionic
Triton X-100	9002-93-1	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	1%		1%	Liquid	Surfactant-nonionic
Triton X-100	9002-93-1	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	10%		10%	Liquid	Surfactant-nonionic
Triton X-100		Colgate-Palmolive Phase III validation study		1%				Surfactant-nonionic
Triton X-100		Colgate-Palmolive Phase III validation study		2.50%				Surfactant-nonionic
Triton X-100		Colgate-Palmolive Phase III validation study		5%*				Surfactant-nonionic
Triton X-100		Colgate-Palmolive Phase III validation study		10%*				Surfactant-nonionic
Triton X-100		Colgate-Palmolive Phase III validation study		20%				Surfactant-nonionic
Triton X-100 (5%)		Southee 1998						Surfactant-nonionic
Triton X-100 [1]	9002-93-1	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	5%		5%	Liquid	Surfactant-nonionic
Triton X-100 [1]/[2]	9002-93-1	Balls, Botham et al 1995; (ECETOC 1992)	98%	5%		5%	Solution	Surfactant-nonionic
Triton X-155	9010-44-0	Gautheron et al. 1994				10%	Surfactant	Surfactant-nonionic
Tween 20	9005-64-5	Balls, Botham et al 1995; (ECETOC 1992)	98%	100%		100%	Liquid	Surfactant-nonionic
Tween 20	9005-64-5	Brantom, Bruner et al. 1997; (ECETOC 1992)	98%	100%		100%	Liquid	Surfactant-nonionic
Tween 20		Southee 1998						Surfactant-nonionic

B2 FORMULATIONS

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
Liquid detergent 1	Carter and Griffith 1965			Neat
Liquid detergent 2	Carter and Griffith 1965			Neat
Liquid cleaner	Carter and Griffith 1965			Neat
Pure soap	Carter and Griffith 1965			10% aqueous solution
Shampoo #1 (2 in 1)	Colgate-Palmolive Phase III validation study			
Shampoo #2 (Regular)	Colgate-Palmolive Phase III validation study			
Shampoo #3 (Regular)	Colgate-Palmolive Phase III validation study			
Dishwashing Liquid	Colgate-Palmolive Phase III validation study			
All purpose cleaner	Colgate-Palmolive Phase III validation study			
Disinfectant cleaner	Colgate-Palmolive Phase III validation study			
Liquid Duty Liquid Detergent	Beckley 1965	Alkylbenzene sulphonate Nonylphenol ethoxy sulphate Xylene sulphonate Diethanolamide Ethyl alcohol Water	18% 12% 2.50% 5% 12% Balanced to 100%	Neat
Soap suspension	Beckley 1969	Soap	NA	5%
Liquid household cleaner	Beckley 1969	Alkylbenzene sulphonate Soap Ammonium cumene sulphonate Builder containing 3% sodium carbonate and 1% tetra potassium pyrophosphate Miscellaneous ingredients including 0.7% ammonia, 0.6% soap and 0.4% perfume Water	5% 0.60% 4% 13% 2% Up to 100%	Neat
Dry Laundry Products #1	Freeberg, Griffith et al. 1984			Neat

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
Dry Laundry Products #2	Freeberg, Griffith et al. 1984			Neat
Dry Laundry Products #3	Freeberg, Griffith et al. 1984			Neat
Dry Laundry Products #4	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #5	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #6	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #7	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #8	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #9	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Products #10	Freeberg, Griffith et al. 1984			Neat
Dry Laundry Products #11	Freeberg, Griffith et al. 1984			Neat
Dry household cleaning products #1	Freeberg, Griffith et al. 1984			Neat
Dry household cleaning products #2	Freeberg, Griffith et al. 1984			Neat
Dry household cleaning products #3	Freeberg, Griffith et al. 1984			Neat
Liquid household cleaning products #4	Freeberg, Griffith et al. 1984			Neat
Liquid household cleaning products #5	Freeberg, Griffith et al. 1984			Neat
Dry household cleaning products #6	Freeberg, Griffith et al. 1984			Neat
Liquid household cleaning products #7	Freeberg, Griffith et al. 1984			Neat
Dry dishwashing products #1	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #2	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #3	Freeberg, Griffith et al. 1984			Neat

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
Liquid dishwashing products #4	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #5	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #6	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #7	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #8	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #9	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #10	Freeberg, Griffith et al. 1984			Neat
Liquid dishwashing products #11	Freeberg, Griffith et al. 1984			Neat
Liquid Laundry Product #1	Freeberg, Hooker et al. 1986			
Liquid Dishwashing Product #1	Freeberg, Hooker et al. 1986			
Dry Dishwashing Porduct #1	Freeberg, Hooker et al. 1986			
Liquid Dishwashing Product #2	Freeberg, Hooker et al. 1986			
Liquid Household Cleaning Product #1	Freeberg, Hooker et al. 1986			
Liquid Dishwashing Product #3	Freeberg, Hooker et al. 1986			
Liquid Household cleaning Product #2	Freeberg, Hooker et al. 1986			
Dry Household Cleaning Product #1	Freeberg, Hooker et al. 1986			
Dry Dishwashing Product #1	Freeberg, Hooker et al. 1986			
Dry Dishwashing Product #2	Freeberg, Hooker et al. 1986			
Liquid fabric softener (100%)	Freeberg et al. 1986			Neat
Liquid shampoo (20%)	Freeberg et al. 1986			20%
Liquid hand soap (10%)	Freeberg et al. 1986			10%

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
Liquid laundry detergent (4%)	Freeberg et al. 1986			4%
Liquid household cleaner	Ghassemi et al 1997	Alcohol ethoxylate Betaine Na H2 citrate Cumene sulphonate Butoxypropoxypropanol/dipropylene glycol Monobutyl ether water	2% 2% 3% 3% 8% Up to 100%	Neat
Concentrated Laundry Liquid	Roggeband et al. (2000)	Soap Nonionic surfactant Anionic surfactant Water	15% 27% 12% Up to 100%	Neat
Concentrated Dishwasher Liquid	Roggeband et al. (2000)	Non-ionic surfactant Anionic surfactant Water	4% 38% Up to 100%	Neat
A, Disinfectant/Cleaner Concentrate		Water Inorganic Salt Inorganic Phosphate Quaternary* Nonionic Surfactant pH adjuster Chelator Fragrance Dyes	65-70 1-5 1-5 1-5 1-5 <1 <1 <1 <1	
B, Disinfectant/Cleaner Concentrate		Water Fragrance Dye Quaternary Chelator Inorganic Salt Nonionic Surfactant	60-65 <1 <1 15-20 1-5 1-5 1-5	
C, Disinfectant/Cleaner Concentrate		Water Hydrogen Peroxide Solvent Anionic Surfactant Inorganic Alkalies Organic Acid Corrosion Inhibitors	75-80 5-10 1-5 1-5 1-5 1-5 1-5	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
C, Disinfectant/Cleaner Concentrate Cont'd		Organic Acid Nonionic Surfactant Inorganic Salt Inorganic Salt Inorganic Acid Organic Acid Organic Acid Organic Acid	1-5 <1 <1 <1 <1 <1 <1 1-5	
D, Stone Floor Polish		Water Organic Acid Thickeners Plasticizers	60-65 30-35 5-10 <1	
E, Disinfectant/Cleaner Concentrate		Water Quaternary Inorganic Phosphates Inorganic Salt Nonionic Surfactant pH adjuster Chelator Fragrance Dye	75-80 1-5 1-5 1-5 1-5 <1 <1 <1 <1	
F, Disinfectant/Cleaner Concentrate		Water Inorganic Acid Organic Acid Anionic Surfactant Organic Acid Corrosion Inhibitor Nonionic Surfactant Solvent Fragrance Hydrogen Peroxide	60-65 1-5 5-10 1-5 <1 <1 1-5 5-10 <1 1-5	
G, Disinfectant/Cleaner Concentrate		Water Solvent Chelator Amine Quaternary Nonionic Surfactant Fragrance Dyes	40-50 25-35 1-5 5-10 1-5 10-15 1-5 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
H, Disinfectant/Cleaner Concentrate		Water Solvent Inorganic Phosphates Nonionic Surfactant Inorganic Alkalies Quaternary Inorganic Salt Fragrance Nonionic Surfactant Thickeners	90-95 1-5 1-5 <1 <1 <1 <1 <1 <1 <1	
I, Disinfectant/Cleaner RTU		Water Inorganic Salt Inorganic Phosphate Quaternary Nonionic Surfactant pH adjuster Chelator Fragrance Dyes	95-100 <1 <1 <1 <1 <1 <1 <1 <1	
J, Disinfectant/Cleaner RTU		Water Solvent Nonionic Surfactant pH adjuster Fragrance Quaternary* Amine Thickener Dye	90-95 1-5 1-5 <1 <1 <1 <1 <1 <1	
K, Disinfectant		Water Inorganic Salt Anionic Surfactant TCM pH adjuster	95-100 <1 <1 <1 <1	
L, Disinfectant/Cleaner RTU		Water Fragrance Dye Quaternary Chelator Inorganic Salt Nonionic Surfactant	95-100 <1 <1 <1 <1 <1 <1 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
M, Disinfectant/Cleaner RTU		Water Solvent Chelator Nonionic Alkoxylate Quaternary Inorganic Salt Fragrance	85-90 5-10 1-5 <1 <1 <1 <1	
N, Disinfectant/Cleaner Concentrate		Water Nonionic Surfactant Nonionic Surfactant Hydrotrope Chelator pH adjuster Hydrogen Peroxide	70-75 5-10 5-10 5-10 <1 <1 1-5	
O, Disinfectant/Cleaner Concentrate		Water Quaternary Nonionic Alkoxylate Chelator Inorganic Salt Fragrance Dye	95-100 <1 <1 <1 <1 <1 <1	
P, Disinfectant/Cleaner RTU		Water Phenolics Anionic Surfactant Solvent Chelator pH adjuster Solvent Anionic Surfactant Antioxidants Inorganic Salts Fragrance Dye	95-100 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	
Q, Disinfectant/Cleaner		Water Nonionic Surfactant Fragrance Solvent pH adjuster Quaternary	95-100 <1 <1 <1 <1 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
R, Disinfectant		Water Quaternary Dye	95-100 <1 <1	
S, Acid Toilet Bowl Cleaner		Water Inorganic acid Anionic Surfactant Inorganic Salts Dye	90-95 5-10 1-5 <1 <1	
T, Descaler		Water Inorganic acid pH adjuster	75-80 10-15 1-5	
U, Disinfectant/Cleaner RTU		Water Quaternary Inorganic Phosphates Inorganic Salt Nonionic Surfactant pH adjuster Chelator Fragrance Dye	95-100 <1 <1 <1 <1 <1 <1 <1 <1	
V, Disinfectant/Cleaner RTU		Water Solvent Chelator Amine Quaternary Nonionic Surfactant Fragrance Dyes	95-100 1-5 <1 <1 <1 <1 <1 <1	
W, Disinfectant RTU		Water Quaternary Fragrance	95-100 <1 <1	
AB (active ingredient)		Alkyl (60% C14 , 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	3%	
AF, Disinfectant (active ingredient)		Octanoic Acid	0.138%	
AG, Metal Cleaner		Water Chelator NaOH Nonionic surfactant KOH	65-70 5-10 5-10 5-10 < 1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
AH, Degreaser		Water Anionic surfactant Chelator Nonionic surfactant KOH Inorganic salt Glycol ether	65-70 5-10 5-10 5-10 1-5 1-5 1-5	
AI, Heavy Duty Cleaner/Degreaser		Water Inorganic salts Chelator NaOH Nonionic surfactant Amphoteric surfactant Dye	75-80 10-15 1-5 1-5 1-5 1-5 < 1	
AJ, Heavy Duty Cleaner		Water Inorganic salts Anionic surfactant Chelator NaOH Nonionic surfactant Amphoteric surfactant	65-70 10-15 5-10 1-5 1-5 1-5 1-5	
AK, Floor Stripper		Water Glycol ether Inorganic salt Amphoteric surfactant MEA NaOH Chelator Nonionic surfactants Fragrance	55-60 10-15 5-10 5-10 1-5 1-5 1-5 < 1 < 1	
AL, Cleaner/Degreaser		Water Glycol ether Anionic surfactant Inorganic salt Chelator Nonionic surfactant NaOH Dye	65-70 10-15 1-5 1-5 1-5 5-10 1-5 < 1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
AM, Glass Cleaner		Water Glycol ether Ammonium hydroxide Anionic surfactant Chelator Dye	65-70 20-25 1-5 1-5 1-5 < 1	
AN, General Cleaner		Water Anionic surfactant Nonionic surfactant Chelator Inorganic salt	75-80 10-15 5-10 1-5 1-5	
AO, Floor Stripper		Water Glycol ether Anionic surfactant MEA Organic solvent Inorganic salt NaOH Chelator Flurochemical Fragrance	60-65 10-15 10-15 5-10 1-5 1-5 1-5 < 1 < 1 < 1	
AP, All Purpose Cleaner		Water Inorganic salt NaOH Nonionic surfactant Anionic surfactant KOH Chelator Amphoteric surfactant Fragrance Dye	80-85 5-10 1-5 1-5 1-5 < 1 < 1 < 1 < 1 < 1	
AQ, Drain Cleaner		Water Bleach Nonionic Surfactant Inorganic Base Inorganic Salt	55-60 5-10 5-10 <1 <1	
AR, Drain Cleaner		Water Bleach Nonionic Surfactant Inorganic base Inorganic Salt	55-60 5-10 5-10 1-5 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
AS, Drain Cleaner		Water Inorganic Salt Nonionic Surfactant Inorganic Alkalies Inorganic Salt	40-45 5-10 5-10 <1 <1	
AT, Drain Cleaner		Water Bleach Inorganic base Inorganic Salt Anionic Surfactant	55-60 5-10 <1 <1 <1	
AU, Drain Cleaner		Water Bleach Inorganic base Inorganic Salt Anionic Surfactant	55-60 5-10 1-5 <1 <1	
AV, Drain Cleaner		Water Bleach Inorganic base Inorganic Salt Anionic Surfactant	55-60 5-10 1-5 <1 <1	
AW, Drain Cleaner		Water Bleach Nonionic Surfactant Inorganic bases Inorganic Salt	70-75 1-5 <1 <1 <1	
AX, Floor Stripper		Water Glycol ether MEA Organic solvent Ammonium hydroxide Anionic surfactant	50-55 30-35 10-15 1-5 1-5 1-5	
AY, Drain Cleaner		Water Bleach Inorganic Salt Inorganic Base Anionic Surfactant Defoamer	65-70 25-30 1-5 1-5 <1 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
BB, Glass Cleaner		Water Dye Inorganic Base Chelator Solvent	90-95 <1 <1 <1 5-10	
BD, Heavy-duty Cleaner/Degreaser		Water Inorganic salts Chelator NaOH Nonionic surfactant Amphoteric surfactant Dye	75-80 10-15 1-5 1-5 1-5 1-5 < 1	
BE, Toilet Bowl Cleaner		Water Organic acid Anionic surfactant Thickener Dye Fragrance	90-95 1-5 1-5 < 1 < 1 < 1	
BF, Floor Cleaner		Water MEA Anionic surfactant Glycol ether Ammonium hydroxide Nonionic surfactant Chelator Fragrance Dye	85-90 1-5 1-5 1-5 1-5 < 1 < 1 < 1 < 1	
BJ, Bathroom Cleaner		Water Chelator Glycol ether Nonionic surfactant Quaternary compound	80-85 10-15 1-5 1-5 < 1	
BK, Glass Cleaner		Water Dye Solvent Anionic Surfactant Fragrance Chelator Inorganic base	90-95 <1 1-5 <1 <1 <1 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
BL, Glass Cleaner		Water Chelator Solvent Anionic Surfactant Dye Inorganic Base	90-95 <1 5-10 <1 <1 <1	
BM, Glass Cleaner		Water Solvent Inorganic Base pH adjuster Anionic Surfactant	90-95 5-10 <1 <1 <1	
BN, Toilet Bowl Cleaner		Water Nonionic Surfactant Anionic Surfactant Preservative Thickener Dye Fragrance Phosphate	90-95 1-5 1-5 < 1 < 1 < 1 < 1 < 1	
BP, Glass Cleaner		Water Solvent Inorganic base Chelator Dye Anionic Surfactant Fragrance	90-95 1-5 <1 <1 <1 <1 <1	
BS		Water Sodium Tripolyphosphate Inorganic Salt Hydroxide Hydroxide Sodium Hypochlorite Thickener Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 1-4 <1	
BQ, Glass Cleaner		Water Dye Organic Acid Inorganic Acid Solvent Anionic Surfactant Fragrance	85-90 <1 <1 <1 5-10 <1 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
CG, Bathroom Cleaner		Water Solvent Propellant Surfactant Chelator pH adjuster Quaternary Compound	65-70 5-10 5-10 <1 15-20 <1 <1	
CH, All Purpose Cleaner		Organic acid Water Solvent Fragrance Dye Surfactant	<1 90-95 1-5 <1 <1 <1	
CJ, Laundry Pre-Spotter		Inorganic Salt Enzyme Dye Silicones Inorganic Salt Nonionic Surfactant	55-60 <1 <1 5-10 25-30 1-5	
CK		Surfactant Hydrocarbon Citric Acid (Anhydrous) Carbohydrate Hydroxide Water Perfume Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 1-4 <1	
CN		Surfactant Silicone And Siloxanes Alkoxylated Alcohol Solvent Iach Perfume Minor Ingredients	25-49 10-24 10-24 25-49 10-24 1-4 <1	
CO		Water Solvent Minor Ingredients	75-100 1-4 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
CP		Water Polyol Surfactant Fatty Acid Solvent Hydroxide Aloe Vera Gel Minor Ingredients	25-49 10-24 25-49 5-9 5-9 1-4 1-4 <1	
CQ		Water Surfactant Fatty Acid Polyols Hydroxide Ether Minor Ingredients	50-74 10-24 10-24 5-9 1-4 1-4 <1	
CR		Water Carboxylic Acid Surfactant Organic Salt Hydrocarbon Solvent Minor Ingredients	75-100 1-4 1-4 1-4 1-4 1-4 <1	
CS		Surfactant Hydrocarbon Citric Acid (Anhydrous) Carbohydrate Water Hydroxide Perfume Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 1-4 <1	
CT		Water Carboxylic Acid Surfactant Organic Salt Hydrocarbon Solvent Minor Ingredients	75-100 1-4 1-4 1-4 1-4 1-4 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
CU		Nta Surfactant Inorganic Salt Inorganic Salt Inorganic Salt Water Process Aid Minor Ingredients	25-49 10-24 10-24 10-24 5-9 1-4 1-4 <1	
CV		Water Inorganic Salt Organic Salt Polyacrylate Surfactant Nadcc (Bleach) Minor Ingredients Water	25-49 25-49 10-24 5-9 5-9 1-4 <1 25-49	
CW		Water Surfactant Solvent Salt Minor Ingredients	50-74 24-49 5-9 1-4 <1	
CX		Surfactant Solvent Sodium Perborate Monohydrate (Bleach) Inorganic Salt Chelant Bleach Activator Water Ethoxylated Polymer Perfume Minor Ingredients	25-49 10-24 10-24 10-24 5-9 5-9 1-4 1-4 1-4 <1	
CY		Water Surfactant Solvent Magnesium Minor Ingredients	25-49 25-49 10-24 1-4 <1	
CZ		Water Solvent Hydrogen Peroxide Minor Ingredients	75-100 1-4 1-4 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
DA		Water Hydrogen Peroxide Solvent Surfactant Minor Ingredients	75-100 1-4 5-9 1-4 <1	
DB		Water Sodium Tripolyphosphate Inorganic Salt Hydroxide Inorganic Salt Sodium Hypochlorite Thickener Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 1-4 <1	
DC		Water Surfactant Hydrogen Peroxide Organic Salt Carboxylic Acid Minor Ingredients	50-74 10-24 5-9 1-4 1-4 <1	
DD		Water Surfactant Hydrogen Peroxide Organic Salt Solvent Carboxylic Acid Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 <1	
DE		Water Hydrogen Peroxide Solvent Minor Ingredients	75-100 1-4 1-4 <1	
DF		Siloxane And Silane Solvent Hydrocarbon Fragrance Ester Surfactant Minor Ingredients	50-74 25-49 5-9 1-4 1-4 1-4 <1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
DG		Water Surfactant Salt Solvent Perfume Minor Ingredients	50-74 25-49 5-9 5-9 1-4 <1	
DH		Water Surfactant Hydrogen Peroxide Organic Salt Carboxylic Acid Minor Ingredients	50-74 10-24 5-9 1-4 1-4 <1	
DI		Water Surfactant Amide Inorganic Acid Minor Ingredients	25-49 25-49 10-24 1-4 <1	
DJ		Siloxane And Silane Solvent Hydrocarbon Fragrance Ester Carboxylic Acid Minor Ingredients	50-74 25-49 5-9 5-9 1-4 1-4 <1	
DK		Water Sodium Tripolyphosphate Inorganic Salt Hydroxide Hydroxide Sodium Hypochlorite Thickener Minor Ingredients	50-74 10-24 5-9 1-4 1-4 1-4 1-4 <1	
EF, Cleaner/Degreaser		Water Glycol ether Anionic surfactant Inorganic salt Chelator Nonionic surfactant NaOH Dye	65-70 10-15 1-5 1-5 1-5 5-10 1-5 < 1	

Formulation Name	Reference Study	Ingredient		Concentration Tested
		Name	% Conc. (w/w)	
EG, Bathroom Cleaner		Antimicrobial Carrier Solvent Cleaning Agent Solubilizer	<1 90-95 1-5 <1 <1	

B3 Formulations for Cytosensor Data Paired with LVET Data

Code Number	Form	PH	Ingredient	% in Product
1001	LIQUID		SURFACTANT	25-49
			WATER	10-24
			SOLVENT	5-9
			SOLVATROPE	1-4
			ORGANIC SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1002	LIQUID		WATER	25-49
			SURFACTANT	10-24
			CHELANT	10-24
			HYDROXIDE	5-9
			ORGANIC SALT	5-9
			SOLVENT	1-4
			STABILIZER	1-4
			SOLVATROPE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1003	LIQUID		SURFACTANT	25-49
			WATER	10-24
			ORGANIC SALT	10-24
			CHELANT	10-24
			SOLVATROPE	5-9
			STABILIZER	1-4
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1004	LIQUID		WATER	10-24
			SURFACTANT	25-49
			SOLVATROPE	10-24
			CHELANT	5-9
			ORGANIC SALT	5-9
			STABILIZER	1-4
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1005	LIQUID		WATER	10-24
			SURFACTANT	25-49
			SOAP	10-24
			CHELANT	5-9
			ORGANIC SALT	5-9
			SOLVATROPE	5-9
			STABILIZER	1-4
			SOLVENT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in Product
1006	LIQUID		WATER	25-49
			SURFACTANT	25-49
			CHELANT	10-24
			ORGANIC SALT	10-24
			ENZYME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1007	LIQUID		SURFACTANT	25-49
			SOLVENT	5-9
			SOAP	10-24
			ORGANIC SALT	5-9
			SOLVATROPE	5-9
			WATER	5-9
			STABILIZER	1-4
			ENZYME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1008	LIQUID		SURFACTANT	24-49
			WATER	10-24
			SOLVATROPE	10-24
			SOAP	10-24
			ORGANIC SALT	5-9
			POLYMER	1-4
			ENZYME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in Product
1009	LIQUID		SURFACTANT	25-49
			WATER	10-24
			SOLVATROPE	10-24
			ORGANIC SALT	10-24
			SOAP	5-9
			STABILIZER	5-9
			POLYMER	1-4
			CHELANT	1-4
			SOLVENT	1-4
Code Number	Form	PH	Ingredient	% in product
1010	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			CARBOXYLIC ACID	5-9
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1011	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			BUILDER	5-9
			CARBOXYLYIC ACID	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1012	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			CARBOXYLYIC ACID	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1013	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			CARBOXYLYIC ACID	5-9
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1014	LIQUID		WATER	50-74
			SURFACTANT	10-24
			CARBOXYLYIC ACID	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1015	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			CARBOXYLYIC ACID	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1016	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			CARBOXYLYIC ACID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1017	LIQUID	6.5	WATER	25-49
			SURFACTANT	50-74
			CHELANT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1018	LIQUID		WATER	50-75
			SURFACTANT	25-49
			CHELANT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1019	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1020	LIQUID		WATER	50-74
			SURFACTANT	25-49
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1021	GRANULE	10.5	NTA	25-49
			SURFACTANT	10-24
			INORGANIC SALT	10-24
			INORGANIC SALT	10-24
			INORGANIC SALT	5-9
			WATER	1-4
			PROCESS AID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1022, 1023	LIQUID		WATER	50-74
			SURFACTANT	25-49
			SOLVENT	5-9
			INORGANIC SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1024	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			MAGNESIUM	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1025	SEMI-VISCOUS LIQUID		WATER	50-74
			SURFACTANT	24-49
			SOLVENT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1026	SEMI-VISCOUS LIQUID	7.1	WATER	50-74
			SURFACTANT	25-49
			SALT	5-9
			SOLVENT	5-9
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1027	LIQUID		SURFACTANT	50-74
			WATER	25-49
			SOLVENT	10-24
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1028	LIQUID	7.12	WATER	50-74
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1029	LIQUID	7.04	WATER	50-74
			SURFACTANT	25-49
			SALT	5-9
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1030	LIQUID	7.07	WATER	50-74
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1031	LIQUID	7.08	WATER	25-49
			SOLVENT	10-24
			SURFACTANT	25-49
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1032, 1033	LIQUID	7.23	WATER	10-24
			SURFACTANT	50-74
			SOLVENT	10-24
			SALT	10-24
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1034	LIQUID		SURFACTANT	50-74
			WATER	25-49
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1035	LIQUID	6.8	SURFACTANT	50-74
			WATER	25-49
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1036	LIQUID	8.86	WATER	25-49
			SURFACTANT	10-24
			SOLVENT	5-9
			ALKANOLAMINE	1-4
			POLYMER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1037	LIQUID POLYMER BASED ADD	10.99	INORGANIC SALT	25-49
			WATER	10-24
			SODIUM TRIPOLYPHOSPHATE	10-24
			HYDROXIDE	10-24
			SODIUM HYPOCHLORITE	5-9
			THICKENER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1038	LIQUID CLAY-BUILT ADD	10.84	WATER	50-74
			SODIUM TRIPOLYPHOSPHATE	10-24
			SODIUM HYPOCHLORITE	5-9
			INORGANIC SALT	5-9
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1039	LIQUID		WATER	50-74
			SURFACTANT	24-49
			SOLVENT	1-4
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1040	LIQUID	7.0(10%)	WATER	50-74
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1041	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	5-9
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1042	SEMI-VISCOUS LIQUID W/FLAKES	10.1	WATER	50-74
			POLYMER	5-9
			SOLVENT	5-9
			SURFACTANT	1-4
			INORGANIC SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1043	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1044	LIQUID		WATER	25-49
			SURFACTANT	25-49
			SOLVENT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1045	LIQUID		WATER	50-74
			SURFACTANT	25-49
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1046	LIQUID	7.31	WATER	25-49
			SURFACTANT	25-49
			CALCIUM/SODIUM	5-9
			SOLVENT	1-4
			SALT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1047	VISCOUS LIQUID/CREAM	10.6	SURFACTANT	25-49
			SOLVENT	10-24
			SODIUM PERBORATE MONOHYDRATE (BLEACH)	10-24
			INORGANIC SALT	10-24
			CHELANT	5-9
			BLEACH ACTIVATOR	5-9
			WATER	1-4
			ETHOXYLATED POLYMER	1-4
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1048	LIQUID	1.5	WATER	50-74
			SURFACTANT	25-49
			PERFUME	1-4
			SALT	1-4
			SILOXANE	1-4
Code Number	Form	PH	Ingredient	% in product
1049	LIQUID	2	WATER	50-74
			SURFACTANT	25-49
			PERFUME	1-4
			SALT	1-4
			SILOXANE	1-4
Code Number	Form	PH	Ingredient	% in product
1050	LIQUID	3.5-4.5	WATER	25-49
			SURFACTANT	25-49
			SOLVENT	10-24
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1051	LIQUID	4.7	SOLVENT	25-49
			SURFACTANT	9-24
			WATER	10-24
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1052	SEMI-VISCOUS LIQUID		SURFACTANT	50-74
			HYDROCARBON	10-24
			CITRIC ACID (ANHYDROUS)	5-9
			CARBOHYDRATE	1-4
			HYDROXIDE	1-4
			WATER	1-4
			PERFUME	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1053			SURFACTANT	75-100
			WATER	5-9
			ANTI-DANDRUFF AGENT	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1054			SURFACTANT	75-100
			WATER	5-9
			ANTI-DANDRUFF AGENT	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1055	LIQUID	4.4 - 4.8	WATER	25-49
			SURFACTANT	25-49
			ANTI-DANDRUFF AGENT	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1056, 1057	THICK LIQUID		SURFACTANT	75-100
			WATER	10-24
			ANTI-DANDRUFF AGENT	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1058	VISCOUS LIQUID		SURFACTANT	50-74
			CARBOXYLIC ACID	25-49
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1059	VISCOUS LIQUID		SURFACTANT	50-74
			WATER	25-49
			CARBOXYLIC ACID	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1060	VISCOUS LIQUID		SURFACTANT	50-74
			WATER	10-24
			CARBOXYLIC ACID	5-9
			ORGANIC SALT	5-9
			SALT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1061	CREAM		WATER	50-74
			SURFACTANT	10-24
			ALKOXYLATED ALCOHOL	1-4
			POLYOLS	1-4
			SOLVENT	1-4
			CARBOXYLIC ACID	1-4
			SYNTHETIC POLYMER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1062	CREAM		WATER	50-74
			SURFACTANT	10-24
			ALKOXYLATED ALCOHOL	1-4
			POLYOLS	1-4
			SOLVENT	1-4
			CARBOXYLIC ACID	1-4
			SYNTHETIC POLYMER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1063	CREAM		WATER	50-74
			SURFACTANT	10-24
			ALKOXYLATED ALCOHOL	1-4
			POLYOLS	1-4
			SOLVENT	1-4
			CARBOXYLIC ACID	1-4
			SYNTHETIC POLYMER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1064	SEMI-VISCOSUS LIQUID	6.32	WATER	50-74
			SURFACTANT	10-24
			ESTER	1-4
			ANTI-DANDRUFF AGENT	1-4
			SILICONE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1065	LIQUID	3.6 TO 4.6	WATER	75-100
			SOLVENT	5-9
			SILICONE AND SILOXANES	5-9
			SURFACTANT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1066	LIQUID	6.54	WATER	25-49
			SURFACTANT	25-49
			CARBOHYDRATE	5-9
			SALT	1-4
			ESTER	1-4
			SILICONE AND SILOXANES	1-4
			CARBOXYLIC ACID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1067	LIQUID	6.92	SURFACTANT	50-74
			WATER	25-49
			ESTER	1-4
			SILICONE AND SILOXANES	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1068	LIQUID	7.18	WATER	25-49
			SURFACTANT	25-49
			AMIDE	1-4
			ESTER	1-4
			SILICONE AND SILOXANES	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1069	LIQUID	6.67	WATER	25-49
			SURFACTANT	25-49
			ALKANOLAMIDE	1-4
			SULFATE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1070	LIQUID	6.68-6.80	WATER	25-49
			SURFACTANT	50-74
			CARBOHYDRATE	1-4
			ALKOXYLATED ALCOHOL	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1071	LIQUID	6.69	WATER	50-75
			SURFACTANT	25-49
			ALKANOLAMIDE	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1072	FLAKES	7.22	SURFACTANT	50-74
			PARAFFIN	10-24
			ORGANIC SALT	5-9
			SOAP	5-9
			WATER	5-9
			FATTY ACID	1-4
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1074	CREAM	9.2	WATER	50-74
			SURFACTANT	10-24
			FATTY ACID	10-24
			POLYOLS	5-9
			HYDROXIDE	1-4
			ETHER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1075	SOLID		TALLOW	50-74
			WATER	10-24
			SURFACTANT	5-9
			FATTY ACID	5-9
			POLYOL	1-4
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1076	LIQUID		WATER	50-74
			SURFACTANT	10-24
			ESTER	1-4
			AMIDE	1-4
			ANTI-DANDRUFF AGENT	1-4
			SILICONE AND SILOXANES	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1077	LIQUID		SURFACTANT	75-100
			WATER	5-9
			ETHER	1-4
			AMIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1078	GEL	7.9	WATER	25-49
			SURFACTANT	25-49
			AMIDE	10-24
			INORGANIC ACID	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1079, 1080	VISCOUS LIQUID	5.55	SURFACTANT	50-74
			CAPS L-7,R GRADE (30%)	10-24
			WATER	10-24
			INORGANIC SALT	1-4
			AMIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1081	LIQUID	4.8	SURFACTANT	50-74
			WATER	25-49
			ESTER	1-4
			AMIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1082	CREAMY LIQUID	7.67	WATER	50-74
			SURFACTANT	10-24
			POLYOLS	5-9
			SOYBEAN OIL	5-9
			AMIDE	1-4
			FATTY ACID	1-4
			CARBOHYDRATE	1-4
			INORGANIC ACID	1-4
			PERFUME	1-4
			SOLVENT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1083	LIQUID	6.42	WATER	25-49
			SURFACTANT	50-74
			SILICONE AND SILOXANES	1-4
			CARBOXYLIC ACID	1-4
			SALT	1-4
			ORGANIC SALT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1084	LIQUID	7.13	WATER	50-74
			SURFACTANT	25-49
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1085	LIQUID	7.2	WATER	75-100
			SURFACTANT	5-9
			GUM	1-4
			SILICONE AND SILOXANES	1-4
			PERFUME	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1086	LIQUID		SURFACTANT	75-100
			WATER	10-24
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1087	LIQUID	7.11	SURFACTANT	50-74
			WATER	25-49
			ESTER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1088	LIQUID	10.9	WATER	75-100
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1089	CREAM		WATER	50-74
			SOLVENT	25-49
			SURFACTANT	5-9
			CARBOXYLIC ACID	1-4
			POLYOLS	1-4
			ALOE VERA GEL	1-4
Code Number	Form	PH	Ingredient	% In Product
1090	LIQUID		WATER	50-74
			SOLVENT	25-49
			CARBOXYLIC ACID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1091	LIQUID		WATER	75-100
			CARBOXYLIC ACID	10-24
			CARBOXYLIC ACID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1092	LIQUID	4.5 - 5.0	WATER	75-100
			SILICONE AND SILOXANES	5-9
			SOLVENT	1-4
			ALKOXYLATED ALCOHOL	1-4
			HYDROCARBON	1-4
			AMINE	1-4
			SURFACANT	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1093	LIQUID	3.4	SURFACTANT	25-49
			SILICONE AND SILOXANES	10-24
			ALKOXYLATED ALCOHOL	10-24
			SOLVENT	25-49
			IACH	10-24
			PERFUME	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1094	LIQUID		SOLVENT	75-100
			SOLVENT	10-24
Code Number	Form	PH	Ingredient	% In Product
1095	LIQUID		SOLVENT	75-100
			WATER	5-9
			POLYMER	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1096	LIQUID	8.68	SOLVENT	75-100
			WATER	10-24
			POLYMER	5-9
			SILICONE AND SILOXANES	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1097	LIQUID	8.2	SOLVENT	75-100
			WATER	10-24
			POLYMER	5-9
			SILICONE AND SILOXANES	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1098	CREAMY LIQUID		WATER	75-100
			SILICONE AND SILOXANES	1-4
			SOLVENT	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1099	CREAMY LIQUID	8.94	WATER	25-49
			POLYOL	10-24
			SOLVENT	10-24
			SURFACTANT	5-9
			FATTY ACID	5-9
			HYDROXIDE	1-4
			INORGANIC ACID	1-4
			ESTER	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% In Product
1100	LIQUID		WATER	50-74
			SOLVENT	25-49
			CARBOXYLIC ACID	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% In Product
1101	LIQUID		WATER	50-74
			SOLVENT	25-49
			CARBOXYLIC ACID	1-4
			POLYOLS	1-4
			ALOE VERA GEL	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1102	LIQUID	9.3	WATER	25-49
			SURFACTANT	50-74
			SOLVENT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1103	SEMI-VISCOUS LIQUID	9.65	WATER	50-74
			ORGANIC SALT	25-49
			SOLVENT	5-9
			CHELANT SYSTEM	1-4
			SURFACTANT	1-4
			INORGANIC SALT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1104	LIQUID	11.5	WATER	75-100
			SURFACTANT	1-4
			SOLVENT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1105	LIQUID	11.5	WATER	75-100
			SURFACTANT	1-4
			SOLVENT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1106	LIQUID	11	WATER	75-100
			SURFACTANT	1-4
			SOLVENT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1

Code Number	Form	PH	Ingredient	% in product
1107	LIQUID	11.5	WATER	75-100
			SURFACTANT	1-4
			INORGANIC SALT	1-4
			SOLVENT	1-4
			HYDROXIDE	1-4
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1108	VISCOUS LIQUID	3.07; 3.23	WATER	75-100
			SOLVENT	5-9
			CARBOXYLYC ACID	5-9
			SURFACTANT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1109	THIN LIQUID	3.04	WATER	75-100
			SOLVENT	5-9
			CARBOXYLYC ACID	5-9
			SURFACTANT	5-9
			MINOR INGREDIENTS	<1
Code Number	Form	PH	Ingredient	% in product
1110	LIQUID	3	WATER	75-100
			SOLVENT	5-9
			BUFFER	5-9
			SURFACTANT	5-9
			MINOR INGREDIENTS	<1

B4 CTFA Phase III Formulations

Formulation		Ingredient	
Code	Name	Name	% Conc. (w/w)
HZA	Shampoo No. 7	Water	53.86
		Sodium lauryl sulfate (30%)	25.00
		Disodium laureth sulfocuccinate (40%)	15.00
		Lauramide DEA	0.50
		Butylene glucol	5.00
		Methyl and propylparabens	0.25
		Carageenan	0.35
		Methyl and methylchloroisothiazolinone	0.04
HZB	Liquid Soap No. 1*	Water and volatiles	65.85
		Ammonium lauryl sulfate	1-10
		Sodium laureth sulfate	1-10
		Lauramide DEA	1-10
		Glycerine	1-10
		Isostearamidopropyl morpholine lactate	0.1-1.0
		Disodium ricinoleamido MEA-sulfosuccinate	0.1-1.0
		DMDM hydantoin	0.1-1.0
		Citric Acid	0.1-1.0
		Triclosan	0.1-1.0
		Tetrasodium EDTA	<0.1
		FD&C Yellow No. 5	<0.1
		FD&C Red No. 4	<0.1
HZC	Shampoo No. 1*	Water	14.037
		Laurylamidopropyl betaine (30%)	60.000
		Cetrimonium chloride	16.000
		PEG-3 cocamide	4.500
		Citric Acid	3.500
		Sodium chloride	1.000
		Ditallowdimonium chloride (73%)	0.700
		Lauryl alcohol	0.250
		Methyl and chloroisothiazolinone (1.5%)	0.033
HZD	Shampoo No. 5	Water	54.120
		Sodium laureth sulfate (26%)	38.000
		Cocamide DEA	3.000
		Cocamide propyl betaine (30%)	1.750
		Disodium EDTA	0.050
		Methylparaben	0.150
		Propylparaben	0.100
		Citric Acid	0.250
		FD&C Yellow No. 5 (1%)	0.050
		D&C Red No. 33 (0.5%)	0.015
		DMDM hydantoin (54%)	0.300
		BHT	0.050
		Sodium glutamine	2.000
		Sodium chloride	0.170
HZE	Gel Cleanser	Water	59.974
		Acylglutamate CT-12 (30%)	15.000
		Cocoamphodiacetate (50%)	15.000
		Sodium nonoxynol-6 phosphate (88.5%)	6.000
		Quaternium-26 (58%)	1.500
		PEG-120-methyl glucose dioleate	1.500
		Citric Acid	0.100

		Sodium citrate	0.500
		Disodium EDTA	0.050
		Methylparaben	0.150
		DMDM hydantoin (55%)	0.200
		FD&C yellow No. 10 (1%)	0.001
		D&C Blue No. 1 (0.746%)	0.025
HZF	Baby Shampoo No.2	Water	57.653
		Sodium laureth (2EO) sulfate (28%)	21.430
		Disodium laureth-3-sulfocuccinate (40%)	9.090
		Cocamidopropyl betaine (30%)	10.000
		Lauramide DEA	1.500
		Kathon DG (1.5%)	0.067
		Tetrasodium EDTA (30%)	0.260
HZG	Shampoo No. 8*	Water	48.43
		Sodium laureth sulfate (28%)	20.00
		Sodium lauryl sulfate (30%)	25.00
		Lauramide DEA	5.00
		Hydroxyethyl tallow glycinate	1.00
		Citric Acid	0.20
		PEG-45M	0.20
		Methyl and propylparabens	0.13
		Methyl and chloromethyl-isothiazolinone	0.04
HZH	Eye Make-up Remover	Water	96.242
		Sodium laureth sulfate (21%)	0.900
		Cocoamphocarboxyglycinate (40%)	1.100
		Hexylene glycol	1.000
		Dipotassium phosphate	0.394
		Potassium phosphate	0.102
		Allantoin	0.050
		Methyl paraben	0.150
		EDTA	0.150
		Rose water	0.008
		Thimerosal	0.003
HZI	Skin Cleanser	Water	44.0
		Sodium laureth sulfate (30%)	50.0
		Cocamide MEA	5.0
		Sodium chloride	0.4
		Disodium EDTA	0.2
		Imidizolidinyl urea	0.2
		Methyl paraben	0.2
		Benzoic acid	0.1
HZJ	Mild Shampoo	Water	52.09
		Tween 20	12.63
		Cocoamphodiacetate (24%)	21.25
		PEG 6000	2.60
		Cedepal TD403 (75%)	6.53
		Hydrochloric acid (15%)	1.68
		Arlacel 20	0.92
		Benzyl alcohol	0.10
		Dowicil 200	0.10
		D&C Yellow No. 10 (0.2%)	1.70
		D&C Orange No. 4 (0.2%)	0.20
HZK	Bubble Bath	Water	68.75
		Sodium laureth sulfate (60%)	25.00
		Lauramide DEA	4.50
		SD Alcohol 3-A	3.75
		Sodium chloride	0.80

		Triethanolamine	0.40
		Phosphoric Acid (86.5%)	0.35
		Sorbic acid	0.20
HZL	Foam Bath	Water	47.76
		Sodium laureth sulfate (26%)	46.00
		Cocamidopropyl betaine (30%)	2.50
		Sodium chloride	2.40
		Glycol monostearate	0.40
		Colour solution	0.30
		DMDM hydantoin (54%)	0.25
		Methylparaben	0.20
		Propylparaben	0.10
		BHT	0.50
		Aloe Vera gel	0.02
		Citric Acid	0.02
		Tetrasodium EDTA	0.01
HZM	Shampoo No. 3*	Water	80-90
		Ammonium lauryl sulfate	5-10
		Lauramide DEA	1-5
		Cocamidopropyl sultaine	1-5
		Citric Acid	<1.0
		Ammonium chloride	<1.0
		DMDM Hydantoin	<1.0
		Tetrasodium EDTA	<1.0
		Methylparaben	<1.0
		FD&C Yellow No. 5	<0.1
		D&C Yellow No.10	<0.1
		F&C Red No. 4	<0.1
		PPG-9	q.s.
HZN	Shampoo No. 6*	Water	44.381
		Sodium laureth (2EO) sulfate (28%)	43.634
		Cocamidopropyl betaine (30%)	11.760
		Tetrasodium EDTA	0.013
		Formalin	0.100
HZP	Baby Shampoo No. 1	Water	49.54
		PEG-80 soritan laurate (50%)	23.60
		Sodium trideceth sulfate	17.40
		Lauroamphocarboxyglycinate (50%)	5.40
		PEG-150 distearate (50%)	5.00
		Cocamidopropyl hydroxysultane (50%)	4.00
		Sodium laureth-13 carboxylate (50%)	1.00
		Quaternium 15	0.03
		Benzyl alcohol	0.05
		FD&C Yellow No. 5 (1%)	0.25
		FD&C Yellow No. 6 (1%)	0.05
		Citric Acid	0.08
HZQ	Cleansing Gel	Water	68.93
		Lauramphocarboxyglycinate (25%)	10.4
		Sodium trideceth sulfate (16%)	10.6
		TEA-lauryl sulfate (40%)	3.50
		Lauramide DEA	0.50
		PEG-150 distearate	2.80
		Propylene glycol	1.40
		Hexylene glycol	1.05
		Citric Acid	0.28
		Diazolidinyl urea	0.20
		Methylparaben	0.20

		Sodium citrate	0.14
HZR	Facial Cleansing Foam*	Water	32.97
		Sodium cocoyl isethionate	20.00
		Sodium lauroyl sarcosinate (30%)	25.00
		PPG-5-celeth-10 phosphate	4.00
		Linoleamide DEA	2.00
		sorbitol (70%)	2.75
		Glycol stearate	5.50
		Glycerin	2.00
		Diglycerol	2.00
		Clearyl alcohol	2.75
		Mineral oil	0.50
		Methylparaben	0.15
		Propylparaben	0.10
		Trisodium EDTA	0.10
		Beeswax	0.10
		Ceresin	0.06
		Sodium borate	0.02
HZA	Shower Gel	Water	27.567
		Sodium lauroyl sarcosinate (30%)	25.000
		Laurimidopropyl betaine (30%)	25.000
		Cocamidopropyl hydroxysultane (50%)	15.000
		Linoleamide DEA	4.500
		Clycol stearate	1.000
		Polyquaternium-2	1.000
		Phosphoric Acid (86.5%)	0.600
		Terasodium EDTA	0.200
		BHT	0.050
		PPG-12-buteth-16	0.050
		Methyl and chlorosothiazolinone (1.5%)	0.033
HZT	Polishing Scrub	Water	33.85
		Mineral oil	10.00
		Lauromphocarboxyglycinate (25%)	8.80
		Sodium trideceth sulfate (16%)	9.40
		Pretrolatum	6.60
		Isopropyl palmitate	6.60
		Propylene glycol	5.00
		Cetyl palmitate	4.40
		Glyceryl stearate and PEG-100 stearate	4.40
		Aluminium slicate	3.00
		Cetyl alcohol	2.50
		Polypropylene	2.50
		Magnesium aluminium silicate	1.00
		Titanium dioxide	0.50
		Hexylene glycol	0.40
		Imidazolidinyl urea	0.30
		Methylparaben	0.30
		Lactic acid	0.25
		Propylparaben	0.20
HZU	Hand Soap*	Water	37.95
		Sodium C14-16 olefin sulfonate (36%)]	20.25
		Sodium lauroyl sarcosinate	20.00
		Cocamidopropyl hydroxysultane	8.00
		Propylene glycol	3.00
		Glycol stearate	3.00
		PPG-12-PEG-50 lanolin	3.00
		Polyquaternium-7	2.00

		Citric Acid	1.00
		Hydrolysed animal protein	1.00
		Polyquaternium-10	0.50
		Quaternium 15	0.20
		Aloe Vera gel	0.10
HZV	Shampoo No. 4*	Water	80-90
		Ammonium lauryl sulfate	5-10
		Lauramide DEA	1-5
		Cocamidopropyl sultaine	<1.0
		Ammonium chloride USP	<1.0
		Citric Acid	<1.0
		DMDM hydantoin	<1.0
		Tetrasodium EDTA	<1.0
		Methylparaben	<1.0
		FD&C Yellow No. 5	<0.1
		D&C Yellow No. 10	<0.1
		FD&C Red No. 4	<0.1
		PPG-9	q.s.
HZW	Liquid Soap No. 2*	Water and volatiles	60-80
		TEA-lauryl sulfate	1-10
		Sodium laureth sulfate	1-10
		Sodium lauroyl sarcosinate	1-10
		Lauramide DEA	1-10
		Glycol distearate	1-10
		Isostearamidopropyl morpholine lactate	0.1-1.0
		Disodium ricinoleamido MEA-sulfosuccinate	0.1-1.0
		DMDM hydantoin	0.1-1.0
		Citric Acid	0.1-1.0
		Tetrasodium EDTA	<0.1
HWX	Shampoo No. 2	Water	69.1895
		Ammonium lauryl sulfate (25%)	25.0000
		Cocamide DEA	3.0000
		Hydroxypropyl methylcellulose	1.4500
		EDTA	0.6000
		Formaldehyde	0.2000
		Benzyl alcohol	0.2000
		Bensophenone-4 sodium hydroxide	0.0400
		Citric Acid	0.0100
		Ammonium chloride	0.0100
		FD&C Blue No. 1	0.0005
HZY	Anti-Dandruff Shampoo	Water	27.13
		Sodium lauroyl sarcosinate (30%)	15.00
		Lauramide DEA	4.50
		TEA-lauryl sulfate (40%)	45.00
		Glycol distearate	3.00
		Zinc pyrithione	2.10
		Sodium chloride	1.20
		Citric Acid	0.90
		Imidazolidinyl urea	0.50
		Methylparaben	0.30
		Propylparaben	0.10
		Xanthan gum	0.27
HZZ	Facial Cleanser	Water	32.55
		Mineral oil	40.00
		Beeswax	2.30
		PEG-16 soya sterol	5.00

	PEG8 dilaurate	2.00
	Cetearyl alcohol (70%)	0.80
	Ceteareth 20 (30%)	0.80
	Beheme acid	0.80
	Sodium borate	0.75
	Ceresin	0.50
	Carbopol dispersion (25%)	15.00
	Methylparaben	0.15
	Propylparaben	0.10
	Disodium EDTA	0.05

* - Diluted to 25% (v/v) with distilled water prior to testing.

B5 COLIPA Formulations

Name	Ingredient	% Conc. (w/w)
Shower Gel	Lexaine LM - CAPB	25.00 - 7.5% as 100% ai
	Hampusyl L30 - sarcosinate	25.00 - 7.5% as 100% ai
	Lexaine CSB - 50 CAPB	15.00 - 7.5% as 100% ai
	Comperlan F (linoleamide DEA)	4.500
	Cerasynt M (glycol stearate)	1.000
	Mirapol A15 (polquat-2)	1.000
	Orthophosphoric acid (50%)	0.600
	EDTA Na (4)	0.200
	BHT	0.050
	Ucon 50-HB0660 (PPG-12 Buteth-16)	0.050
	Kathon CG	0.033
	Water, (Demin. FB&C)	27.567
Moisturiser with sunscreen	Propylene glycol	5.00
	Lanolin BP/EF	5.00
	Nipagin M	0.10
	Triethanolamine pure	1.00
	EDTA Na (2)	0.05
	Nipasol M (methylparaben)	0.05
	Homosalate - sunscreen	8.00
	Perfecta (petroleum jelly)	2.50
	Pristerine 4900 - fatty acid (stearic acid)	4.00
	Water, (Demin. FB&C)	74.30
Skin cleanser	Empicol ESB 70 (Ethoxysulphate SLES)	21.43
	Empilan CME (Cocoamide MEA)	5.00
	Sodium chloride	0.40
	EDTA Na (2)	0.20
	Germall 115	0.20
	Nipagin M (methylparaben)	0.20
	Benzoic acid	0.10
	Water, (Demin. FB&C)	72.47
Cleansing Foam	Neosorb 70/70	2.75
	Hampusyl L30 - (30% ai sarcosinate)	25.00
	Pricerine 9083 (glycerin)	2.00
	Diglycerin	2.00
	Nipagin M (methylparaben)	0.15
	EDTA Na (3)	0.10
	Borax EP (sodium borate)	0.02
	Jordapon CI powder (sodium cocoyl isethionate)	20.00
	Cerasynt M	5.50
	Laurex CS (cetearyl alcohol)	2.75
	Sirius M70	0.50
	Beeswax with bleach	0.10
	Ceresine was SP252	0.06
	Nipasol M (polyparaben)	0.10
	Crodafos SG (PPG-S-ceteth-10 phosphate)	4.00
	Comperlan F (linoleamide DEA)	2.00
	Water, (Demin. FB&C)	32.97
Hair Conditioner	Ceraphyl 85 - cationic surfactant	3.50
	Promulgen D - cetyl stearyl alcohol	3.50
	Glucam E-20	3.00

	SolulanPB-10	3.00
	Finsolv TN (C12-15 alcy bensoates)	1.50
	Lorol C16	1.50
	Crodamol ML (myristyl lactate)	1.00
	Crotein C (collagen amino acids)	1.00
	Polymer JR400	0.75
	Citric acid	0.70
	DL Panthenol	0.50
	Nipagin M (methylparaben)	0.25
	Dowicil 200 (quaternium-15)	0.20
	Water, (Demin. FB&C)	79.60
Shampoo 2 in 1	Water, (purified)	qs 100.00
	Ammonium lauryl sulphate 27% & Formaldehyde 0.05%	13.000
	Ammonium lauryl sulphate 25% & Formaldehyde 0.05%	4.000
	Ammonium xylene sulphonate 40%	1.400
	Dimethicone gum 40/60	3.000
	Glycol distearate	1.500
	Sodium chloride	1.000
	Cocamide MEA 94%	0.850
	Sodium citrate dihydrate	0.430
	Xanthan gum	5.000
	Cetyl alcohol	0.350
	Panthenyl ethyl ether 90% & panthenol 10% (pantyl B)	0.250
	Sodium Benzoate	0.250
	Citric acid anhydrous	0.200
	DMMDM Hydantoin 55%	0.825
	Stearyl alcohol	0.150
	Tetrasodium EDTA dihydrate	0.087
Mouthwash	70% Sorbitol solution	20.000
	Citric acid	0.100
	Polysorbate 60	0.300
	Ethanol BP DRS	10.000
	Cinnamon oil	0.050
	Peppermint oil	0.100
	FD&C Red No. 4	0.001
	CPC	0.100
	Deionised water	69.349
Shampo No. 1 - Normal pH 6.0-6.5	Water	to 100%
	Sodium laureth (2EO) sulphate	12.218
	Cocamidopropyl betaine	3.528
	Tetrasodium EDTA	0.125
	Formalin	0.100
Toothpaste	Sorbitol	38.267
	Glycerin	25.000
	Silica	23.500
	Water	6.000
	PEG 600	3.000
	Sodium lauryl sulphate	1.200
	Flavor	0.890
	Sodium Benzoate	0.500
	Tetrasodium pyrophosphate	0.500
	Sodium carboxymethylcellulose	0.400
	Titanium dioxide	0.300
	Sodium fluoride	0.243
	Sodium saccharin	0.200
Shampoo - baby	Deionised water	to 100%
	Sodium laureth (2EO) sulphate	6.000

	Disodium laureth-3-sulphosuccinate	3.636
	Cocamipropyl betaine	3.000
	Lauramide DEA	1.500
	Kathon CG	0.001
	Tetrasodium EDTA	0.078
Gel Cleanser	Water	59.973
	Methylparaben	0.150
	Disodium EDTA	0.050
	Citric acid	0.100
	Sodium citrate	0.500
	PEG-120 Methyl glucose	1.500
	Sodium nonoxynol-6 phosphate	6.000
	Acylglutamate CT-12 TE	15.000
	Cocoamphodiacetate	15.000
	Quaternium-26	1.500
	DMDM Hydantoin	0.200
	FC&C Blue No. 1	0.025
	D&C Yellow No. 10	0.002
Eye Liner	Water	72.00
	Triethanolamine	2.50
	Shellac	1.50
	Xanthan gum	0.50
	Iron oxides	15.00
	Polysorbate 20	1.00
	Beeswax	2.00
	Stearic acid	5.00
	Methylparaben, butylparaben, ethylparaben and propylparaben	0.30
	Diazolidinyl urea	0.20
Cologne	Water	7.500
	SD alcohol 40	82.340
	Benzophenone 2	0.100
	BHA	0.050
	D&C Orange No. 5	0.001
	FC&C Blue No. 1	0.010
	Fragrance	10.000
Blush	Talc	59.93
	Nylon 12	10.00
	Bis-Phenyl hexamethicone	4.00
	Octyl dodecyl stearoyl stearate	4.00
	Aluminium starch octenyl succinate	2.50
	Methylparaben	0.20
	Sorbic acid	0.20
	Butylparaben	0.05
	Mica	7.80
	Iron oxides	4.30
	Titanium dioxide	5.20
	D&C Red No. 30	0.32
	Manganese violet	1.50
Perfumed skin lotion	Steareth 2	0.75
	Oleth 10	0.50
	Cetyl alcohol	1.50
	PEG 40 Stearate	1.25
	Isopropyl palmitate	5.00
	Water	56.67
	Disodium EDTA	0.10
	Carbomer	0.30

	Triethanolamine	0.38
	Benzophenone 4	0.05
	SD alcohol 40	33.00
	Fragrance	0.05
Mascara	Water	59.55
	Triethanolamine	2.00
	EDTA	0.05
	Shellac	2.50
	PVP/VA Copolymer	1.00
	Zanthan gum	0.50
	Stearic acid	5.50
	C ₁₈₋₁₆ Acid triglyceride	10.00
	Carnauba	5.50
	Beeswax	2.50
	Methylparaben, butylparaben, ethylparaben and propylparaben	0.40
	Phenoxyethanol	0.20
	Iron oxides	10.00
	Diazolidinyl urea	0.10
	Fragrance	0.20
Eye Shadow	Talc	48.95
	Octyl dodecyl stearoyl stearate	5.00
	Aluminium starch octenyl succinate	5.00
	Methylparaben	0.20
	Sorbic acid	0.20
	Butylparaben	0.05
	Mica	18.00
	Titanium dioxide	12.00
Hair Dye Base Formulation No. 1	Iron oxides	10.60
	Water	ad 100
	Cetearyl alcohol	2.00
	Sodium lauryl sulphate	0.60
	Methylparaben	0.10
	Disodium EDTA	0.10
Hair Dye Base Formulation No. 2	Ammonium hydroxide	ad pH 8.5 - 9.5
	Water	as 100
	Alcohol	4.70
	Cetearyl alcohol	1.50
	Glyceryl stearate	0.60
	Cetimonium chloride	0.50
	Isopropyl alcohol	0.50
	Fragrance	0.50
Hair Dye Base Formulation No. 3	Ceteareth-20	0.10
	Ammonium hydroxide	as pH 6.5 - 7.0
	Water	ad 100
	Cetearyl alcohol	21.00
	Sodium sulphite	0.50
	Sodium laureth-8 sulphate	0.40
	Sodium laureth sulphate	0.40
	Sodium oleth sulphate	0.20
	Magnesium laureth-8 sulphate	0.20
	Magnesium laureth sulphate	0.20
Pump deodorant / antiperspirant	Magnesium oleth sulphate	0.20
	Fragrance	0.10
	Ammonium hydroxide	ad pH 9.5
	PEG-8	4.00
	PEG-40 Hydrogenated castor oil	1.00

	Aluminium chlorhydrate (50% ACH in water)	10.00
	Citric acid	0.10
	Alcohol	40.00
	Fragrance	0.30
	Water, demin	44.60
Sunscreen Lotion	Tegin P	1.00
	Safacid 16/18 CR (stearic acid)	1.50
	Mineraloil 3°E	5.00
	Glycerin	4.00
	Nafol 1618JA	0.40
	Carbopol 934 PH	0.10
	Parsol MCX	2.70
	Triethanolamine	0.80
	Paraben P	0.10
	Paraben M	0.10
	Water, demin	84.30
Sunscreen SPF 15	Lanolin	4.50
	Cocoa butter	2.00
	Clycerol monostearate SE	3.00
	Stearic acid	2.00
	Padimate O (Escalol 507) (Octyl dimethyl PABA)	7.00
	Oxybenzone (Uvinol M40) (benzophenone-3)	3.00
	Sorbitol	5.00
	Triethanolamine	1.00
	Methylparaben	0.30
	Benzyl alcohol	0.50
	Water	71.60
	(ingredients add up to 99.9%)	
Eye make up remover	Water	81.843
	Allantoin	0.0500
	Sodim laureth sulphate	0.9000
	Sodium oleth sulphate	
	Magnesium laureth sulphate	
	Magnesium laureth-8 sulphate	
	Magnesium oleth sulphate	
	Cocoamphocarboxy-glycinate	1.1000
	EDTA	0.0500
	Rose water	0.0080
	Water	9.8000
	Hexylene glycol	1.0000
	Methylparaben	0.1500
	Water	4.6000
	Potassium phosphate	0.1020
	Dipotassium phosphate	0.3944
	Thimerosal	0.0030
Hydrophilic ointment	Deionised water	32.960
	White petrolatum	25.000
	Stearyl alcohol	25.000
	Propylene glycol	12.000
	Sodium lauryl sulphate (90%) (SLS)	5.000
	Methylparaben	0.025
	Propylparaben	0.015
Emulsion antiperspirant	Aluminium chlorhydrate (50% ACH in water)	24.00 (12% ai)
	PPG-15 Stearyl ether	4
	Steareth 2 / steareth 21	3.20
	Dichlorobenzyl alcohol	0.10
	Euxyl K400	0.08

	Bronopol	0.02
	Deionised water	68.60
Hair styling lotion	Ethyl Alcohol	65.00
	PVP/VA 70:30 50%	10.00
	Dimethicone copolyol	0.25
	Water, purified	24.75
Hand Cleanser	Deionised water	50-95
	Mineral spirits	24-40
	Tall oil fatty acid	<4
	Nonoxynol-6	<4
	Nonoxynol-9	<4
	Carbomer-940	<1
	Sodium hydroxide	<1
	Lanolin	<0.05
	Methylparaben	<0.05
	Propylparaben	<0.05
Liquid Soap No. 1	Water & volatiles	65.0-85.0
	Ammonium lauryl sulphate (ALS)	1.0-10.0
	Sodium laureth sulphate (SLES)	1.0-10.0
	Lauramide DEA	1.0-10.0
	Glycerin	1.0-10.0
	Isostearamidopropyl morpholine lactate	0.1-1.0
	Disodium ricinoleamido MEA-sulfosuccinate	0.1-1.0
	DMDM Hydantoin	0.1-10.0
	Citric acid	0.1-10.0
	Triclosan	0.1-10.0
	Tetrasodium EDTA	<0.1
	FD&C Yellow No. 5	<0.1
	FD&C Red No. 4	<0.1
Shampoo - Anti dandruff	Water, purified	qs 100.00
	Ammonium laureth-3 sulphate (ALES)	10.4160
	Ammonium lauryl sulphate (ALS)	9.5000
	Zinc pyrithione, small platelet	1.0000
	Glycol distearate	2.0000
	Ammonium xylene sulphonate	0.8000
	Cocoamide MEA	1.2750
	Sodium chloride	0.9450
	Citric acid anhydrous	0.4975
	DMDM Hydantoin (Glydant)	0.0550
Polishing scrub	Water	33.85
	Mineral oil	10.00
	Lauroamphocarboxyglycinate (25%)	8.80
	Sodium trideceth sulphate (16%)	9.40
	Petroleum	6.60
	Isopropyl palmitate	6.60
	Propylene glycol	5.00
	Cetyl palmitate	4.40
	Glyceryl stearate and PEG (M) stearate	4.40
	Aluminium silicate	3.00
	Cetyl alcohol	2.50
	Polypropylene	2.50
	Magnesium aluminium silicate	1.00
	Titanium dioxide	0.50
	Hexylene glycol	0.40
	Imidazolidiny urea	0.30
	Methylparaben	0.30
	Lactic acid	0.25

	Propylparaben	0.20
Hand soap	water	37.95
	Sodium C14-16 olefin sulphonate (36%)	20.25
	Sodium lauroyl sarcosinate	20.00
	Cocamidopropyl hydroxysultaine	8.00
	Glycol stearate	3.00
	Propylene glycol	3.00
	PPG-12-PEG-50 lanolin	3.00
	Polyquaternium-7	2.00
	Citric acid	1.00
	Hydrolized animal protein	1.00
	Polyquaternium-10	0.50
	Quaternium-15	0.20
	Aloe vera gel	0.10