	Non-ionic surfactants (****)									
2107	2-propylheptyl alcohol, >2.5 - ≤10 EO	37,3	5000	0,00746	1,5	10	0,15	0,05	R	O
2108	C10 Alcohol, ≥ 5 - ≤11 EO multibranched(Trimer-propen-oxo-alcohol)	5	1000	0,005	1,5	10	0,15	0,05	R	Y
2112	C12-14 Alcohol, ≥5 - ≤8 EO 1 t-BuO (endcapped)	0,23	1000	0,00023	0,18	100	0,0018	0,05	R	O
2113	iso-C13 Alcohol, ≤ 2,5 EO	1	1000	0,001	0,74	10	0,074	0,05	R	O
2114	iso-C13 Alcohol, >2,5 - ≤6 EO	1	1000	0,001	0,6	10	0,06	0,05	R	O
2115	iso-C13 Alcohol, ≥7 - <20 EO	1	1000	0,001	2,5	10	0,25	0,05	R	O
2130	C12-15 Alcohol, ≥2 - ≤6 EO, ≥2 - ≤6 PO	0,78	1000	0,00078	0,36	100	0,0036	0,05	R	O
2131	C10-16 Alcohol, 6 and 7 EO, ≤3 PO	3,2	5000	0,00064	1	100	0,01	0,05	R	O
2132	C12-18 Alkyl glycerol ester (even numbered), 1-6,5 EO	10	1000	0,01			0,01	0,05	R	Y
2133	C12-18 Alkyl glycerol ester (even numbered), >6,5-17 EO	10	1000	0,01	6,25	50	0,125	0,05	R	Y
2134	C4-10 Alkyl polyglucoside	28	1000	0,028	1,75	10	0,175	0,05	R	Y
2135	C8-12 Alkyl polyglycoside, branched	480	1000	0,48	100	100	1	0,05	R	N
2136	C 12-14 Alkyl polyglycoside	8,7	1000	0,0087	1,75	10	0,175	0,05	R	Y
2137	C 16-18 Alkyl polyglycoside			0,175	1,75	10	0,175	0,05	R	O
2138	N1 C8-18 Alkanolamide (even numbered)	9,5	1000	0,0095	0,07	10	0,007	0,05	R	Y
2139	Coconut fatty acid monoethanolamide 4 and 5 EO	17	10000	0,0017			0,0017	0,05	R	Y
2140	N2 C8-18 Alkanolamide	2	1000	0,002	0,07	10	0,007	0,05	R	Y
2141	PEG-4 Rapeseed amide	7	1000	0,007			0,007	0,05	R	Y
2142	Amines, coco, ≥10 - ≤15 EO	6,4	5000	0,00128			0,00128	0,05	R	O
2143	Amines, tallow, ≤2,5 EO	0,1	5000	0,00002	0,0107	50	0,000214	0,05	R	O
2144	Amines, tallow, ≥5 - ≤11 EO	0,42	5000	0,000084	0,0107	50	0,000214	0,05	R	O
2146	Amines, tallow, ≥20 - ≤50 EO	3,6	1000	0,0036			0,0036	0,5	I	O
2147	Amines, C18 saturated and unsaturated, ≤2,5 EO	0,3525	10000	3,53E-05	0,0044	50	0,000088	0,05	R	O
2148	Amines, C18 saturated and unsaturated, ≥5 - ≤15 EO	0,01	1000	0,00001			0,00001	0,05	R	O
2149	Amines, C18 saturated and unsaturated, ≥20 - ≤25 EO	1	10000	0,0001			0,0001	0,5	I	O
2150	C12 sorbitan monoester, 20 EO (polysorbate 20)	100	1000	0,1	100	50	2	0,5	I	O
2151	C18 sorbitan monoester, 20 EO	100	1000	0,1			0,1	0,5	I	O
2152	C8-10 Sorbitan mono- or diester	39	1000	0,039	3,2	50	0,064	0,05	R	Y
2153	Sorbitan stearate	100	1000	0,1	100	50	2	0,05	R	O
2154	C12-14 Fatty acid methyl ester (MEE), 1-30 EO	12,1	1000	0,0121	0,254	10	0,0254	0,05	R	Y
2155	C8-11 Alcohol, predominately linear, ≤2,5 EO	5	1000	0,005	1,5	10	0,15	0,05	R	Y
2156	C8-11 Alcohol, predominately linear, >2,5 - ≤10 EO	5	1000	0,005	1,5	10	0,15	0,05	R	Y
2157	C8-11 Alcohol, predominately linear, >10 EO	50	1000	0,05	25	10	2,5	0,05	R	Y
2158	C9-11 Alcohol, branched, ≤2,5 EO	5	1000	0,005	1,5	10	0,15	0,05	R	O
2159	C 9-11 Alcohol, branched, >2.5 - ≤10 EO	5	1000	0,005	1,5	10	0,15	0,05	R	O
2160	C 9-11 Alcohol, branched, >10 EO	50	1000	0,05	25	10	2,5	0,05	R	O
2161	C12-16 Alcohol, predominately linear, ≤2,5 EO	0,43	1000	0,00043	0,29	10	0,029	0,05	R	Y
2162	C12-16 Alcohol, predominately linear, >2,5 - ≤5 EO	0,43	1000	0,00043	0,37	10	0,037	0,05	R	Y
2163	C12-16 Alcohol, predominately linear, >5 - ≤10 EO	0,4	1000	0,0004	0,27	10	0,027	0,05	R	Y
2164	C14-15 Alcohol, predominately linear, ≤ 2,5 EO			0,01	0,1	10	0,01	0,05	R	Y
2165	C14-15 Alcohol, predominately linear, >2,5 - ≤10 EO	0,4	1000	0,0004	0,12	10	0,012	0,05	R	Y
2166	C12-16 Alcohol, predominately linear >10 - <20 EO	0,7	1000	0,0007	4,86	10	0,486	0,05	R	Y
2167	C12-16 Alcohol, predominately linear, >20 - <30 EO	13	1000	0,013	4,86	10	0,486	0,05	R	O
2168	C12-16 Alcohol, predominately linear, ≥30 EO	130	1000	0,13	56	10	5,6	0,05	R	O
2170	C12-18 Alcohol, predominately linear, ≤2,5 EO	0,3	1000	0,0003	0,47	10	0,047	0,05	R	Y

2171	C12-18 Alcohol, predominately linear, >2,5 - ≤5 EO	1	1000	0,001	0,2	10	0,02	0,05	R	O
2172	C12-18 Alcohol, predominately linear, >5 - ≤10 EO	1	1000	0,001	0,39	10	0,039	0,05	R	Y
2173	C12-18 Alcohol, predominately linear, > 10 EO	1	1000	0,001	1,52	10	0,152	0,05	R	O
2174	C16-18 Alcohol, predominately linear, ≤2,5 EO			0,0054	0,054	10	0,0054	0,05	R	O
2175	C16-18 Alcohol, predominately linear, >2,5 - ≤8 EO	3,2	1000	0,0032	0,082	10	0,0082	0,05	R	Y
2176	C16-18 Alcohol, predominately linear, >9 - ≤19 EO	0,72	1000	0,00072	0,11	10	0,011	0,05	R	Y
2177	C16-18 Alcohol, predominately linear, ≥20 - ≤30 EO	4,1	1000	0,0041	28,6	10	2,86	0,05	R	Y
2178	C16-18 Alcohol, predominately linear, >30 EO	30	1000	0,03			0,03	0,05	R	Y
2179	Amines, tallow, ≥12 - ≤19 EO	1,3	1000	0,0013			0,0013	0,05	R	O
	Amphoteric surfactants									
2201	C12-15 Alkyl dimethyl betaine	1,7	1000	0,0017	0,135	10	0,0135	0,05	R	Y
2202	C8-18 Alkyl amidopropylbetaines	0,925	1000	0,000925	0,135	10	0,0135	0,05	R	Y
2203	C12-18 Alkyl amine oxide	0,3	1000	0,0003			0,0003	0,05	R	Y
2204	C12-14 Alkyl amidopropyl amine oxide	3,4	1000	0,0034			0,0034	0,05	R	O
2205	C12-18 Alkyl amidopropyl amine oxide	0,68	5000	0,000136	0,3	10	0,03	0,05	R	O
2206	C10-18 Alkyl dimethyl amine oxide	0,134	1000	0,000134	0,067	10	0,0067	0,05	R	O
2207	C8-18 Amphoacetates	3,45	1000	0,00345			0,00345	0,05	R	Y
	Cationic surfactants									
2301	C8-16 alkyltrimethyl or benzyldimethyl quaternary ammonium salts	0,08	1000	0,00008	0,0068	10	0,00068	0,05	R	O
2302	C16-18 alkyl benzyldimethyl quaternary ammonium salts	0,05	1000	0,00005	0,025	10	0,0025	0,05	R	O
2303	tri C16-18 Esterquats	1,91	1000	0,00191	1	10	0,1	0,05	R	Y
2304	di C16-18 Esterquats				0,69	50	0,0138	0,05	R	O
	Preservatives (****)									
2401	1,2-Benzisothiazol-3-one (BIT)	0,11	1000	0,00011	0,04	10	0,004	0,5	I	N
2402	Benzyl alcohol	295	1000	0,295	51	50	1,02	0,05	R	Y
2403	5-bromo-5-nitro-1,3-dioxane	0,4	5000	0,00008			0,00008	1	P	O
2404	2-bromo-2-nitropropane-1,3-diol (Remark: Formaldehyde donor)	0,78	1000	0,00078	0,1	10	0,01	0,15	R	O
2405	Chloroacetamide	4,81	1000	0,0048			0,0048	0,05	R	O
2406	Diazolinidylurea	35	5000	0,007			0,007	1	P	O
2407	Formaldehyde	2	1000	0,002			0,002	0,05	R	O
2408	Glutaraldehyde	0,375	1000	0,000375	0,0223	10	0,00223	0,05	R	O
2410	CMI + MI in mixture 3:1 (CAS 55965-84-9) (§)	0,048	1000	0,000048	0,0012	10	0,00012	0,5	I	O
2411	2-Methyl-2H-isothiazol-3-one (MI)	0,16	1000	0,00016	0,03	10	0,003	0,5	I	O
2412	Methyldibromoglutaronitrile	0,15	1000	0,00015			0,00015	0,05	R	O
2413	Methyl-, Ethyl- and Propylparaben	15,4	5000	0,00308			0,00308	0,05	R	N
2414	o-Phenylphenol	1,1	1000	0,0011	0,009	10	0,0009	0,05	R	O
2415	Sodium benzoate	24,8	1000	0,0248	0,09	50	0,0018	0,05	R	Y
2416	Sodium hydroxy methyl glycinate	36,5	5000	0,0073			0,0073	1	O	O
2418	Triclosan	0,0014	1000	1,4E-06	0,00069	10	0,000069	0,5	I	O
2419	Phenoxy-ethanol	291	1000	0,291	9,43	10	0,943	0,05	R	O
2420	Sorbate and sorbic acid	24,1	1000	0,0241			0,0241	0,05	R	O
2421	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	0,027	1000	0,000027	0,0085	50	0,00017	0,05	R	O

2422	Phenoxypropanol	100	1000	0,1			0,1	0,05	R	O
	Other ingredients (****)									
2502	Paraffin (CAS 8002-74-2)	100	1000	0,1	100	10	10	1	P	O
2503	Glycerol, sorbitol and xylitol	885	5000	0,177			0,177	0,05	R	Y
2504	Phosphate, as STPP	160	1000	0,16			0,16	0,05	NA	NA
2505	Zeolite (Insoluble Inorganic)	100	1000	0,1	100	50	2	1	NA	NA
2506	Citrate and citric acid	825	1000	0,825	80	50	1,6	0,05	R	Y
2507	Polycarboxylates homopolymer of acrylic acid	40	1000	0,04	12	10	1,2	1	P	N
2508	Polycarboxylates copolymer of acrylic/maleic acid	100	1000	0,1	5,8	10	0,58	1	P	N
2509	Nitrilotriacetat (NTA)	494	1000	0,494	64	50	1,28	0,05	R	N
2510	GLDA	100	1000	0,1	100	10	10	0,05	R	Y
2511	EDTA	121	1000	0,121	22	50	0,44	0,5	I	N
2512	Phosphonates	650	1000	0,65	25	50	0,5	1	P	N
2513	EDDS	5,5	1000	0,0055	0,66	10	0,066	0,05	R	N
2514	Carboxymethyl inulin (CMI)	1000	1000	1	423	10	42,3	0,5	I	N
2515	Clay (Insoluble Inorganic)			10			10	1	NA	NA
2516	Carbonates			10			10	0,05	NA	NA
2517	Veg. Oil	100	1000	0,1			0,1	0,05	R	Y
2518	Veg. Oil (hydrogenated)	100	1000	0,1			0,1	0,05	R	Y
2519	Lauric Acid (C12:0)	3,6	1000	0,0036	0,47	10	0,047	0,05	R	O
2520	Fatty acids, C≥14-C≤22 (even numbered) (Remark: soap is listed in DID 2025)	100	1000	0,1	100	50	2	0,05	R	Y
2521	Fatty acid, C≥6-C≤12 methyl ester	21	10000	0,0021			0,0021	0,05	R	Y
2522	Lanolin	100	1000	0,1			0,1	0,05	R	O
2523	Soluble Silicates	207	1000	0,207			0,207	1	NA	NA
2524	Polyasparaginic acid, Na-salt	410	1000	0,41			0,41	0,05	R	N
2525	Perborates (as Boron)	14	1000	0,014			0,014	1	NA	NA
2526	Percarbonate	4,9	1000	0,0049	0,7	50	0,014	0,01	NA	NA
2527	H2O2	2,4	1000	0,0024	0,22	50	0,0044	0,01	NA	NA
2528	Tetraacetylethylenediamine (TAED)	250	1000	0,25	500	50	10	0,05	R	Y
2529	C1-C3 alcohols	1000	1000	1			1	0,05	R	Y
2530	Cetyl Alcohol and Cetearyl Alcohol	100	1000	0,1	100	50	2	0,05	R	Y
2531	Mono-, di- and triethanol amine	90	1000	0,09	0,78	50	0,0156	0,05	R	Y
2532	Polyvinylpyrrolidon (PVP)	1000	1000	1			1	0,5	I	N
2533	Carboxymethylcellulose (CMC)	250	5000	0,05			0,05	0,5	I	N
2534	Sodium and magnesium sulphate			10			10	0,05	NA	NA
2535	Calcium- and sodium chloride			10			10	1	NA	NA
2536	Urea	9100	5000	1,82			1,82	0,5	I	O
2537	Silicon dioxide, quartz (Insoluble inorganic)			10			10	1	NA	NA
2538	Polyethylene glycol, MW≥4100	1000	10000	0,1			0,1	1	P	N
2539	Polyethylene glycol, MW<4100	1000	10000	0,1			0,1	0,05	R	Y
2540	Cumene sulphonates	450	1000	0,45			0,45	0,05	R	O
2541	Xylene sulphonate	230	1000	0,23	31	100	0,31	0,15	R	N
2542	Na-/Mg-/KOH			10			10	0,05	NA	NA
2543	Ammonia	28	1000	0,028	0,05	10	0,005	0,05	NA	NA

2544	Proteins except enzymes	25	5000	0,005			0,005	0,05	R	Y
2545	Proteinhydrolizates, wheatgluten	113	5000	0,023			0,023	0,05	R	O
2546	Protease (active enzyme protein)	0,17	1000	0,00017	0,006	50	0,00012	0,01	R	Y
2547	Non-protease (active enzyme protein)	18	1000	0,018			0,018	0,01	R	Y
2548	But-2-one (MEK)	1972	1000	1,972			1,972	0,05	R	O
2549	Perfume, if not other specified (**)	2	1000	0,002			0,002	0,5	I	N
2550	Dyes, if not other specified (**)	10	1000	0,01			0,01	1	P	N
2551	Polysaccarides including starch	100	1000	0,1			0,1	0,05	R	Y
2552	Anionic polyester	655	1000	0,655			0,655	1	P	O
2553	PVNO/PVPI	530	1000	0,53			0,53	1	P	N
2554	Zn Ftalocyanin sulphonate	0,2	1000	0,0002	0,16	100	0,0016	1	P	N
2555	Iminodisuccinat	81	1000	0,081	11,7	50	0,234	0,05	R	N
2556	FWA 1	100	1000	0,1	5,5	50	0,11	0,5	I	N
2557	FWA 5	10	1000	0,01	1	10	0,1	1	P	N
2558	1-decanol	4,225	1000	0,004225	0,11	50	0,0022	0,05	R	O
2559	Methyl laurate	0,26	1000	0,00026	0,0396	50	0,00079	0,05	R	O
2560	Formic acid (Ca salt)	100	1000	0,1			0,1	0,05	R	Y
2561	Adipic acid	31	1000	0,031			0,031	0,05	R	O
2562	Maleic acid	106	1000	0,106			0,106	0,05	R	Y
2563	Malic acid	106	1000	0,106			0,106	0,05	R	O
2564	Tartaric acid	51	1000	0,051			0,051	0,05	R	O
2565	Phosphoric acid	138	1000	0,138			0,138	0,05	NA	NA
2566	Oxalic acid	128	5000	0,0256			0,0256	0,05	R	O
2567	Acetic acid	30	1000	0,03			0,03	0,05	R	Y
2568	Lactic acid	130	1000	0,13			0,13	0,05	R	Y
2569	Sulphamic acid	48	1000	0,048			0,048	1	NA	NA
2570	Salicylic acid	100	1000	0,1	10	50	0,2	0,05	R	O
2571	Glycolic acid	31,2	1000	0,0312			0,0312	0,05	R	O
2572	Glutaric acid	208	5000	0,0416			0,0416	0,05	R	O
2573	Malonic acid	95	5000	0,019			0,019	0,05	R	O
2574	Ethylene glycol	6500	1000	6,5			6,5	0,05	R	Y
2575	Ethylene glycol monobutyl ether	911	1000	0,911	88	10	8,8	0,05	R	Y
2576	Diethylene glycol	4400	1000	4,4	100	10	10	0,05	R	Y
2577	Diethylene glycol monomethyl ether	500	1000	0,5			0,5	0,05	R	O
2578	Diethylene glycol monoethyl ether	3940	5000	0,788			0,788	0,05	R	O
2579	Diethylene glycol monobutyl ether	1254	1000	1,254			1,254	0,05	R	O
2580	Diethylene glycol dimethylether	943	1000	0,943	320	50	6,4	0,5	I	O
2581	Propylene glycol	32000	1000	32			32	0,05	R	Y
2582	Propylene glycol monomethyl ether	500	1000	0,5			0,5	0,05	R	O
2583	Propylene glycol monobutylether	763	1000	0,76			0,76	0,05	R	O
2584	Dipropylene glycol	109	1000	0,109	172,5	50	3,45	0,05	R	O
2585	Dipropylene glycol monomethyl ether	969	1000	0,969	0,5	50	0,01	0,05	R	O
2586	Dipropylene glycol monobutylether	841	1000	0,841			0,841	0,05	R	O
2587	Dipropylene glycol dimethylether	1000	5000	0,2			0,2	0,5	I	O
2588	Triethylene glycol	4400	1000	4,4			4,4	0,5	I	O
2589	Tall oil	1,8	1000	0,0018			0,0018	0,05	R	O
2590	Ethylenebisstearamides	100	5000	0,02			0,02	0,5	I	O
2591	Sodium gluconate	10000	10000	1			1	0,05	R	O

2592	Glycol distearate	100	1000	0,1	100	50	2	0,05	R	Y
2593	Hydroxyl ethyl cellulose	209	5000	0,0418			0,0418	1	P	O
2594	Hydroxypropyl methyl cellulose	188	5000	0,0376			0,0376	1	P	O
2595	1-methyl-2-pyrrolidone	600	1000	0,6	12,5	50	0,25	0,05	R	O
2596	Xanthan gum	490	1000	0,49			0,49	0,05	R	O
2597	Trimethyl pentanediol mono-isobutyrate	18	1000	0,018	3,3	100	0,033	0,05	R	O
2598	Benzotriazole	75	1000	0,075	5,6	50	0,112	1	P	O
2599	Piperidinol-propanetricarboxylate salt	100	1000	0,1	120	100	1,2	0,5	I	O
2600	Diethylaminopropyl-DAS	120	1000	0,12	120	100	1,2	1	P	O
2601	Methylbenzamide-DAS	120	1000	0,12	120	100	1,2	0,5	I	O
2602	Pentaerythritol-tetrakis-phenol-propionate	38	1000	0,038			0,038	1	P	O
2603	Block polymers ***	100	5000	0,02			0,02	1	P	N
2604	Denatonium benzoate	13	5000	0,0026			0,0026	1	O	O
2605	Succinate	40,7	1000	0,0407			0,0407	0,05	R	O
2606	Polyaspartic acid	528	1000	0,528			0,528	0,05	R	N
2607	Mn-saltren (CAS 61007-89-4)	39	1000	0,039	4,3	100	0,043	0,5	I	O
2608	Tri-sodium methylglycine diacetat	100	1000	0,1	100	10	10	0,05	R	Y
2609	Tocopherol acetate	100	1000	0,1	100	50	2	1	P	O
2610	Ethylhexyl salicylate	100	1000	0,1			0,1	0,05	R	O
2611	Ethylhexyl triazone	100	1000	0,1			0,1	1	P	O
2612	Octocrilene	100	1000	0,1			0,1	1	P	O
2613	Bis-ethylhexyloxyphenol methoxyphenyl triazine	100	1000	0,1			0,1	1	P	O
2614	Butyl methoxydibenzoylmethane	100	1000	0,1			0,1	1	P	O
2615	e-phthaloimidoperoxyhexanoic acid	0,59	5000	0,000118			0,000118	0,05	R	O
2616	Methanesulphonic acid	7,4	1000	0,0074			0,0074	0,05	R	O
2617	Aloe vera	100	5000	0,02			0,02	0,05	R	O
2618	Panthenol	100	1000	0,1			0,1	0,05	R	O
2619	Caprylyl glycol	2,2	1000	0,0022			0,0022	0,05	R	Y
2620	Glycerides, C14-18 and C16-18-unsatd. mono-, di- and tri-	100	1000	0,1	100	50	2	0,05	R	O
2621	Linear polydimethylsiloxanes	100	1000	0,1			0,1	1	P	N

Insoluble inorganic - Inorganic ingredient with very low, or no ability to dissolve in water.

(*) If no acceptable toxicity data was found, these columns are empty. In that case TF(chronic) is defined as equal to TF(acute) and vice versa

(**) As a general rule licence applicants must use the data on the list. Perfumes and dyes are exceptions. If toxicity data is submitted by the licence applicant the submitted data shall be used to calculate the TF and determine the degradability. If not, the values on the list shall be used.

(***) The applicants data on aerobic degradability of DID no. 2603 Block polymers will be accepted after presentation of test-report.

(****) If you have used previous versions of the DID-list (2007 or 2014), please note that some DID-list numbers no longer match in the 2016-version. Some substances have been removed and others have got a new substance description and therefore assigned a new DID-number.

(§) 5-Chloro-2-Methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one in mixture 3:1

List of abbreviations:

SF(acute) Safety factor for acute toxicity.

TF(acute) Toxicity factor based on acute toxicity on aquatic organisms.

SF(chronic) Safety factor for chronic toxicity.

TF(chronic) Toxicity factor based on chronic toxicity on aquatic organisms.

DF Degradation factor.

Aerobic degradation:

R	Readily biodegradable according to OECD guidelines.
I	Inherently biodegradable according to OECD guidelines.
P	Persistent. The ingredient has failed the test for inherent biodegradability.
O	The ingredient has not been tested.
NA	Not applicable

Anaerobic degradation:

Y	Biodegradable under anaerobic conditions.
N	Not biodegradable under anaerobic conditions.
O	The ingredient has not been tested.
NA	Not applicable

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Part B.

Critical Dilution Volume
The Critical Dilution Volume is calculated according to the following equation:

$$CDV = \Sigma\, CDV_{(i)} = \Sigma\, ((dosage_{(i)} x\, DF_{(i)})/TF_{(i)}) \times 1000$$

$Dosage_{(i)}$=Dosage of substances i, expressed in g/wash, or in some cases as g/100 g product.
$DF_{(i)}$= Degradation Factor for substance i.
$TF_{(i)}$= Toxicity Factor for substance i.

PROCEDURE FOR ESTABLISHING PARAMETER VALUES FOR SUBSTANCES NOT ON THE DID-LIST
As a general rule the listed parameter values must be used for all substances on the DID-list. An exception is made for perfumes and dyes, where additional test results are accepted (see footnote in Part A).

The following approach applies for substances that are not listed on the DID-list.

Aquatic toxicity:
CDV is calculated based on the chronic toxicity and chronic safety factors. If no chronic test results are available, the acute toxicity and safety factor must be used and vice versa.

The chronic toxicity factor ($TF_{chronic}$)
- Calculate the Median value within each trophic level (fish, crustaceans or algae) using validated test results (NOEC or EC_{10}) for chronic toxicity. If several test results are available for one species within a trophic level, a median for the species shall be calculated first, and these median values shall be used when calculating the median value for the trophic level.
- If the median value for the trophic level exceeds the water solubility, the value is set to 100 mg/L.
- The Chronic toxicity factor ($TF_{chronic}$) is the lowest median (NOEC or EC_{10}) of the trophic levels divided by the safety factor (SF).
- The $TF_{chronic}$ shall be used when calculating the critical dilution volume criterion.

The acute toxicity factor (TF_{acute})
- Calculate the Median value within each trophic level (fish, crustaceans or algae) using validated test results (LC_{50} and/or EC_{50}) for acute toxicity. If several test results are available for one species within a trophic level, a median for the species shall be calculated first, and these median values shall be used when calculating the median value for the trophic level.
- If the median value for the trophic level exceeds the water solubility, the value is set to 100 mg/L.
- The Acute toxicity factor (TF_{acute}) is the lowest median (LC_{50} or EC_{50}) of the trophic levels divided by the safety factor (SF).

- The TF_{acute} shall be used when calculating the critical dilution volume criterion.

Safety Factor:

The Safety Factor (SF) is depending on how many trophic levels are tested, and whether chronic test results are available or not. SF is determined as follows:

Data	Safety factor (SF)	Toxicity factor (TF)
1 short-term L(E)C_{50}	10000	Toxicity/10000
2 short-term L(E)C_{50} from species representing two trophic levels (fish and/or crustaceans and/or algae)	5000	Toxicity/5000
At least 1 short-term L(E)C_{50} from each of three trophic levels of the base-set*	1000	Toxicity/1000
One long-term NOEC or EC_{10} (fish or crustaceans)	100	Toxicity/100
Two long-term NOEC or EC_{10} from species representing two trophic levels (fish and/or crustaceans and/or algae)	50	Toxicity/50
Long-term NOEC or EC_{10} from at least three species (normally fish, crustaceans and algae) representing three trophic levels	10	Toxicity/10

* The base set for testing the toxicity of substances towards aquatic organisms consists of acute tests with fish, daphnia and algae.

Aerobic biodegradability

The substance must be classified into one of the following classes of compounds:

Category	Label
Readily biodegradable.	R
Inherently biodegradable, but not readily biodegradable.	I
Persistent.	P
Not tested for aerobic biodegradability.	O

The substances must be tested according to test method OECD 301 A-F or 310 (readily biodegradable) or 302 A-C (inherently biodegradable).

Degradation Factors

The Degradation Factor (DF) is defined as follows:

Category	DF
Readily biodegradable (*)	0,05
Readily biodegradable (**)	0,15
Inherently biodegradable	0,5
Persistent	1

(*) All surfactants or other substances consisting of a series of homologues and fulfilling the final degradation requirement of the test, shall be included in this class regardless of fulfilment of the 10-day window criterion.
(**) 10-day window criterion not fulfilled.
For inorganic substances the DF is 0,05 for nutrients, such as sodium nitrate, phosphate or ammonia. DF is 1 for other inorganic substances, such as zeolite, silicates, perborates, sulphamic acid.

Anaerobic biodegradability

The substance must be classified into one of the following classes of compounds:

Category	Label
Anaerobically not biodegradable, i.e. tested and found not biodegradable.	N
Anaerobically biodegradable i.e. tested and found biodegradable or not tested but demonstrated through analogy considerations etc.	Y
Not tested for anaerobic biodegradability	0

A substance is regarded as anaerobically degradable if one of the following tests (or equivalent) is fulfilled with the requirement of at least 60% degradation under anaerobic conditions:

- EN ISO 11734
- ECETOC No 28 (June 1988)
- OECD 311

Insoluble inorganic substances

If an inorganic substance has a very low water-solubility, or is not soluble in water this must be indicated in the submitted file.