



**Becton, Dickinson
and Company**
BD, Franklin Lakes,
NJ 07417 USA
www.bd.com

Version: 1.1
Last revised date: 25.04.2025

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
740101	BD OptiBuild™ BV510 Mouse Anti-Human CD20	No data available
740102	BD OptiBuild™ BV510 Rat Anti-Mouse CD90.2	No data available
740103	BD OptiBuild™ BV510 Rat Anti-Mouse CD90.2	No data available
740104	BD OptiBuild™ BV510 Rat Anti-Mouse CD8b.2	No data available
740105	BD OptiBuild™ BV510 Rat Anti-Mouse CD4	No data available
740106	BD OptiBuild™ BV510 Rat Anti-Mouse CD25	No data available
740107	BD OptiBuild™ BV510 Rat Anti-Mouse CD45RB	No data available
740108	BD OptiBuild™ BV510 Rat Anti-Mouse CD2	No data available
740109	BD OptiBuild™ BV510 Rat Anti-Mouse CD229.1	No data available
740110	BD OptiBuild™ BV510 Rat Anti-Mouse CD11a	No data available
740111	BD OptiBuild™ BV510 Rat Anti-Mouse CD16/CD32	No data available
740112	BD OptiBuild™ BV510 Rat Anti-Mouse CD49d	No data available
740113	BD OptiBuild™ BV510 Hamster Anti-Mouse CD3e	No data available
740114	BD OptiBuild™ BV510 Rat Anti-Mouse CD18	No data available
740115	BD OptiBuild™ BV510 Mouse Anti-Mouse CD244.2	No data available
740116	BD OptiBuild™ BV510 Rat Anti-Mouse CD102	No data available
740117	BD OptiBuild™ BV510 Hamster Anti-Mouse CD61	No data available
740118	BD OptiBuild™ BV510 Rat Anti-Mouse CD122	No data available
740119	BD OptiBuild™ BV510 Rat Anti-Mouse CD45RA	No data available
740120	BD OptiBuild™ BV510 Mouse Anti-Mouse CD22.2	No data available



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740121	BD OptiBuild™ BV510 Rat Anti-Mouse IgG1	No data available
740122	BD OptiBuild™ BV510 Rat Anti-Mouse CD4	No data available
740124	BD OptiBuild™ BV510 Rat Anti-Mouse CD31	No data available
740125	BD OptiBuild™ BV510 Rat Anti-Mouse CD14	No data available
740126	BD OptiBuild™ BV510 Rat Anti-Mouse CD62P	No data available
740127	BD OptiBuild™ BV510 Rat Anti-Mouse CD13	No data available
740131	BD OptiBuild™ BV510 Mouse Anti-Mouse CD45.2	No data available
740128	BD OptiBuild™ BV510 Rat Anti-Mouse CD9	No data available
740129	BD OptiBuild™ BV510 Rat Anti-Mouse CD38	No data available
740130	BD OptiBuild™ BV510 Hamster Anti-Mouse CD80	No data available
740132	BD OptiBuild™ BV510 Rat Anti-Mouse CD35	No data available
740133	BD OptiBuild™ BV510 Hamster Anti-Mouse CD49b	No data available
740138	BD OptiBuild™ BV510 Mouse Anti-Rat CD4	No data available
740134	BD OptiBuild™ BV510 Rat Anti-Mouse CD137	No data available
740136	BD OptiBuild™ BV510 Rat Anti-Mouse CD41	No data available
740137	BD OptiBuild™ BV510 Rat Anti-Mouse CD126	No data available
740142	BD OptiBuild™ BV510 Mouse Anti-Rat CD90/Mouse CD90.1	No data available
740139	BD OptiBuild™ BV510 Mouse Anti-Rat CD8a	No data available
740140	BD OptiBuild™ BV510 Mouse Anti-Rat CD45	No data available
740141	BD OptiBuild™ BV510 Mouse Anti-Rat CD45RA	No data available
740143	BD OptiBuild™ BV510 Mouse Anti-Rat CD90/Mouse CD90.1	No data available
740144	BD OptiBuild™ BV510 Hamster Anti-Rat/Mouse CD49a	No data available
740145	BD OptiBuild™ BV510 Mouse Anti-Rat CD32	No data available
740147	BD OptiBuild™ BV510 Rat Anti-Mouse CD3 molecular complex	No data available
740148	BD OptiBuild™ BV510 Rat Anti-Mouse CD140a	No data available
740150	BD OptiBuild™ BV510 Hamster Anti-Mouse CD79b	No data available



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740151	BD OptiBuild™ BV510 Rat Anti-Mouse CD74	No data available
740152	BD OptiBuild™ BV510 Rat Anti-Mouse CD93 (Early B Lineage)	No data available
740153	BD OptiBuild™ BV510 Rat Anti-Mouse NKG2A/C/E	No data available
740155	BD OptiBuild™ BV510 Rat Anti-Mouse CD8b	No data available
740156	BD OptiBuild™ BV510 Hamster Anti-Mouse KLRG1	No data available
740157	BD OptiBuild™ BV510 Rat Anti-Mouse Ly-6G	No data available
740158	BD OptiBuild™ BV510 Rat Anti-Mouse Siglec-F	No data available
740159	BD OptiBuild™ BV510 Rat Anti-Mouse CD172a	No data available
740163	BD OptiBuild™ BV510 Mouse Anti-Human CD14	No data available
740160	BD OptiBuild™ BV510 Mouse Anti-Human CD2	No data available
740161	BD OptiBuild™ BV510 Mouse Anti-Human CD4	No data available
740162	BD OptiBuild™ BV510 Mouse Anti-Human CD13	No data available
740164	BD OptiBuild™ BV510 Mouse Anti-Human CD19	No data available
740165	BD OptiBuild™ BV510 Mouse Anti-Human CD21	No data available
740166	BD OptiBuild™ BV510 Mouse Anti-Human CD22	No data available
740167	BD OptiBuild™ BV510 Mouse Anti-Human CD27	No data available
740168	BD OptiBuild™ BV510 Mouse Anti-Human CD32	No data available
740169	BD OptiBuild™ BV510 Mouse Anti-Human CD42b	No data available
740170	BD OptiBuild™ BV510 Mouse Anti-Human CD54	No data available
740171	BD OptiBuild™ BV510 Mouse Anti-Human CD56 (NCAM-1)	No data available
740172	BD OptiBuild™ BV510 Mouse Anti-Human HLA-ABC	No data available
740173	BD OptiBuild™ BV510 Mouse Anti-Human HLA-DR, DP, DQ	No data available
740174	BD OptiBuild™ BV510 Mouse Anti-Human CD235a	No data available
740175	BD OptiBuild™ BV510 Mouse Anti-Human CD8	No data available
740176	BD OptiBuild™ BV510 Mouse Anti-Human CD95	No data available
740177	BD OptiBuild™ BV510 Mouse Anti-Human CD81	No data available



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740178	BD OptiBuild™ BV510 Mouse Anti-Human CD23	No data available
740179	BD OptiBuild™ BV510 Mouse Anti-Human TCR γδ	No data available
740180	BD OptiBuild™ BV510 Mouse Anti-Human CD206	No data available
740181	BD OptiBuild™ BV510 Mouse Anti-Human CD195	No data available
740182	BD OptiBuild™ BV510 Mouse Anti-Human CD63	No data available
740183	BD OptiBuild™ BV510 Mouse Anti-Human CD183	No data available
740184	BD OptiBuild™ BV510 Mouse Anti-Human HLA-A2	No data available
740185	BD OptiBuild™ BV510 Mouse Anti-Human CD66	No data available
740186	BD OptiBuild™ BV510 Mouse Anti-Human CD45RA	No data available
740187	BD OptiBuild™ BV510 Mouse Anti-Human CD3	No data available
740188	BD OptiBuild™ BV510 Rat Anti-Mouse CD105	No data available
740192	BD OptiBuild™ BV510 Rat Anti-Mouse CD357 (GITR)	No data available
740189	BD OptiBuild™ BV510 Rat Anti-Human CD294 (CRTH2)	No data available
740190	BD OptiBuild™ BV510 Mouse Anti-Human CD274	No data available
740191	BD OptiBuild™ BV510 Rat Anti-Mouse CD147	No data available
740193	BD OptiBuild™ BV510 Rat Anti-Mouse CD125	No data available
740194	BD OptiBuild™ BV510 Rat Anti-Mouse CD273	No data available
740196	BD OptiBuild™ BV510 Mouse Anti-Human CD325	No data available
740198	BD OptiBuild™ BV510 Mouse Anti-Human CD25	No data available
740200	BD OptiBuild™ BV510 Rat Anti-Mouse CD146	No data available
740201	BD OptiBuild™ BV510 Rat Anti-Mouse CD276	No data available
740202	BD OptiBuild™ BV510 Mouse Anti-Human CD3	No data available
740203	BD OptiBuild™ BV510 Mouse Anti-Human CD16	No data available
742500	BD OptiBuild™ BV510 Mouse Anti-Rat IgM	No data available
742358	BD OptiBuild™ BV510 Mouse Anti-Human CD49a	No data available
742365	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-49A	No data available



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742290	BD OptiBuild™ BV510 Mouse Anti-Human Notch2	No data available
742297	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Kq	No data available
742304	BD OptiBuild™ BV510 Mouse Anti-Human CD50	No data available
742309	BD OptiBuild™ BV510 Hamster Anti-Mouse Vγ 2 T-Cell Receptor	No data available
742323	BD OptiBuild™ BV510 Mouse Anti-Human MIC A/B	No data available
742344	BD OptiBuild™ BV510 Mouse Anti-Mouse IgM[b]	No data available
742377	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 8 T-Cell Receptor	No data available
742384	BD OptiBuild™ BV510 Mouse Anti-Mouse IgD[b]	No data available
742391	BD OptiBuild™ BV510 Mouse Anti-Human CD8b	No data available
742405	BD OptiBuild™ BV510 Mouse Anti-Rat CD54	No data available
742413	BD OptiBuild™ BV510 Mouse Anti-Human TCR Vβ8	No data available
742432	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Kd	No data available
742439	BD OptiBuild™ BV510 Mouse Anti-Human MSR1 (CD204)	No data available
742446	BD OptiBuild™ BV510 Mouse Anti-Human CD97	No data available
742461	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Dd	No data available
742469	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Ld/H-2Db	No data available
742476	BD OptiBuild™ BV510 Rat Anti-Mouse IgG1	No data available
742487	BD OptiBuild™ BV510 Mouse Anti-Rat CD45RC	No data available
742494	BD OptiBuild™ BV510 Mouse Anti-Human CD226	No data available
742563	BD OptiBuild™ BV510 Hamster Anti-Mouse FcγRIV (CD16-2)	No data available
742521	BD OptiBuild™ BV510 Mouse Anti-Human CD39	No data available
742526	BD OptiBuild™ BV510 Mouse Anti-Human CD28	No data available
742540	BD OptiBuild™ BV510 Mouse Anti-Human CD365 (TIM-1)	No data available
742549	BD OptiBuild™ BV510 Mouse Anti-Human CD5	No data available
742556	BD OptiBuild™ BV510 Rat Anti-Mouse Ly-49D	No data available



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742583	BD OptiBuild™ BV510 Mouse Anti-Rat CD28	No data available
742616	BD OptiBuild™ BV510 Mouse Anti-Rat CD59	No data available
742590	BD OptiBuild™ BV510 Mouse Anti-Human CD157	No data available
742596	BD OptiBuild™ BV510 Mouse Anti-Human CLIP	No data available
742609	BD OptiBuild™ BV510 Mouse Anti-Human HLA-DQ	No data available
742658	BD OptiBuild™ BV510 Mouse Anti-Human CD56	No data available
742638	BD OptiBuild™ BV510 Mouse Anti-Human CD11b	No data available
742645	BD OptiBuild™ BV510 Mouse Anti-Human CD49b	No data available
742651	BD OptiBuild™ BV510 Mouse Anti-Human CD4 v4	No data available
742684	BD OptiBuild™ BV510 Mouse Anti-Human CD66c	No data available
742691	BD OptiBuild™ BV510 Mouse Anti-TWEAK Receptor (CD266)	No data available
742665	BD OptiBuild™ BV510 Mouse Anti-Human CD140a	No data available
742678	BD OptiBuild™ BV510 Mouse Anti-Human CD55	No data available
742698	BD OptiBuild™ BV510 Mouse Anti-ASGPR 1	No data available
742733	BD OptiBuild™ BV510 Mouse Anti-Human CD4	No data available
742705	BD OptiBuild™ BV510 Mouse Anti-Human CD62E	No data available
742710	BD OptiBuild™ BV510 Mouse Anti-Human Alkaline Phosphatase	No data available
742717	BD OptiBuild™ BV510 Mouse Anti-Human CD273	No data available
742767	BD OptiBuild™ BV510 Mouse Anti-Human CD282 (TLR2)	No data available
742747	BD OptiBuild™ BV510 Mouse Anti-Human CD1c	No data available
742753	BD OptiBuild™ BV510 Mouse Anti-Rat CD25	No data available
742760	BD OptiBuild™ BV510 Mouse Anti-Human CD21	No data available
742774	BD OptiBuild™ BV510 Rat Anti-Mouse TIM-4	No data available
742827	BD OptiBuild™ BV510 Mouse Anti-Human CD277	No data available
742788	BD OptiBuild™ BV510 Mouse Anti-Human CD156c	No data available
742800	BD OptiBuild™ BV510 Mouse Anti-Human GARP	No data available



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742806	BD OptiBuild™ BV510 Mouse Anti-Human CD85k	No data available
742813	BD OptiBuild™ BV510 Rat Anti-Mouse MAdCAM-1	No data available
742820	BD OptiBuild™ BV510 Rat Anti-Mouse Vβ 10[b] TCR	No data available
742834	BD OptiBuild™ BV510 Rat Anti-Mouse Ig, κ light chain	No data available
742848	BD OptiBuild™ BV510 Mouse Anti-Human P-glycoprotein (CD243)	No data available
742880	BD OptiBuild™ BV510 Rat Anti-Mouse Ly-49G2	No data available
742873	BD OptiBuild™ BV510 Mouse Anti-Human c-Met	No data available
742859	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Kb	No data available
742866	BD OptiBuild™ BV510 Rat Anti-Mouse CD268 (BAFF-R)	No data available
742923	BD OptiBuild™ BV510 Mouse Anti-Human CD151	No data available
742893	BD OptiBuild™ BV510 Rat Anti-Mouse I-A/I-E	No data available
742911	BD OptiBuild™ BV510 Mouse Anti-Human CD195	No data available
742916	BD OptiBuild™ BV510 Mouse Anti-Rat CD8b	No data available
742992	BD OptiBuild™ BV510 Mouse Anti-Human Siglec-1 (CD169)	No data available
742930	BD OptiBuild™ BV510 Mouse Anti-Human CD371 (Clec12A)	No data available
742937	BD OptiBuild™ BV510 Mouse Anti-Human CD59	No data available
742956	BD OptiBuild™ BV510 Mouse Anti-Human B7-H4	No data available
742963	BD OptiBuild™ BV510 Mouse Anti-Human CD53	No data available
742980	BD OptiBuild™ BV510 Mouse Anti-Human NKB1 (CD158e1)	No data available
742999	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 5.1, 5.2 T-Cell Receptor	No data available
743041	BD OptiBuild™ BV510 Mouse Anti-Human CD99	No data available
743006	BD OptiBuild™ BV510 Mouse Anti-Human CD275	No data available
743013	BD OptiBuild™ BV510 Mouse Anti-Human ROR1	No data available
743020	BD OptiBuild™ BV510 Rat Anti-Mouse Vβ4 T-Cell Receptor	No data available
743027	BD OptiBuild™ BV510 Mouse Anti-Human CD119	No data available



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743034	BD OptiBuild™ BV510 Mouse Anti-Human CD140b	No data available
743065	BD OptiBuild™ BV510 Mouse Anti-Human CD8	No data available
743079	BD OptiBuild™ BV510 Rat Anti-Mouse CD104	No data available
743089	BD OptiBuild™ BV510 Mouse Anti-Rat CD4	No data available
743096	BD OptiBuild™ BV510 Mouse Anti-Human CD87	No data available
743110	BD OptiBuild™ BV510 Hamster Anti-Mouse CD49e	No data available
743129	BD OptiBuild™ BV510 Mouse Anti-Human Neuropilin-1 (CD304)	No data available
743134	BD OptiBuild™ BV510 Rat Anti-Mouse CD281 (TLR1)	No data available
743141	BD OptiBuild™ BV510 Rat Anti-Human CD115 (CSF-1R)	No data available
743148	BD OptiBuild™ BV510 Hamster Anti-Rat CD62L	No data available
743155	BD OptiBuild™ BV510 Rat Anti-Mouse CD4	No data available
743158	BD OptiBuild™ BV510 Mouse Anti-Human CD124	No data available
743170	BD OptiBuild™ BV510 Mouse Anti-Human CD337 (NKp30)	No data available
743175	BD OptiBuild™ BV510 Rat Anti-Mouse IgG2b	No data available
743212	BD OptiBuild™ BV510 Mouse Anti-Rat CD86	No data available
743208	BD OptiBuild™ BV510 Mouse Anti-Human CD62L	No data available
743196	BD OptiBuild™ BV510 Mouse Anti-Human CD93	No data available
743202	BD OptiBuild™ BV510 Mouse Anti-Human CD49b	No data available
743219	BD OptiBuild™ BV510 Mouse Anti-Rat IgG2b	No data available
743226	BD OptiBuild™ BV510 Mouse Anti-Human CD79b	No data available
743310	BD OptiBuild™ BV510 Mouse Anti-Mouse Qa-2	No data available
743239	BD OptiBuild™ BV510 Hamster Anti-Mouse Vγ 3 TCR	No data available
743253	BD OptiBuild™ BV510 Rat Anti-Mouse CD155	No data available
743260	BD OptiBuild™ BV510 Mouse Anti-Mouse IgG1[a]	No data available
743280	BD OptiBuild™ BV510 Rat Anti-Mouse F4/80	No data available
743305	BD OptiBuild™ BV510 Mouse Anti-Human CD71	No data available



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743338	BD OptiBuild™ BV510 Mouse Anti-Human CD135	No data available
743317	BD OptiBuild™ BV510 Mouse Anti-Human CD131	No data available
743324	BD OptiBuild™ BV510 Rat Anti-Mouse IgM	No data available
743331	BD OptiBuild™ BV510 Mouse Anti-Human CD11a	No data available
743342	BD OptiBuild™ BV510 Mouse Anti-Rat Marginal Zone B Cells	No data available
743349	BD OptiBuild™ BV510 Mouse Anti-Human CD85g (ILT7)	No data available
743384	BD OptiBuild™ BV510 Rat Anti-Mouse CD117	No data available
743386	BD OptiBuild™ BV510 Mouse Anti-Human CD266	No data available
743371	BD OptiBuild™ BV510 Mouse Anti-Human CD18	No data available
743378	BD OptiBuild™ BV510 Mouse Anti-Human CD116	No data available
743420	BD OptiBuild™ BV510 Mouse Anti-Human CD181	No data available
743399	BD OptiBuild™ BV510 Mouse Anti-Human CD338	No data available
743406	BD OptiBuild™ BV510 Mouse Anti-Human MUC1 (CD227)	No data available
743413	BD OptiBuild™ BV510 Hamster Anti-Mouse TCR Vβ3	No data available
743427	BD OptiBuild™ BV510 Mouse Anti-Human CD23	No data available
743446	BD OptiBuild™ BV510 Mouse Anti-Human CD6	No data available
743452	BD OptiBuild™ BV510 Mouse Anti-Human CD158b	No data available
743472	BD OptiBuild™ BV510 Mouse Anti-Mouse I-Ak	No data available
743479	BD OptiBuild™ BV510 Mouse Anti-Human CD162	No data available
743493	BD OptiBuild™ BV510 Mouse Anti-Human C3a Receptor	No data available
743519	BD OptiBuild™ BV510 Mouse Anti-Human CD114	No data available
743526	BD OptiBuild™ BV510 Mouse Anti-Human CD276	No data available
743536	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Db	No data available
743546	BD OptiBuild™ BV510 Mouse Anti-Human CD243	No data available
743563	BD OptiBuild™ BV510 Mouse Anti-Human CD172a/b	No data available
743570	BD OptiBuild™ BV510 Mouse Anti-Human CD268	No data available



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	(BAFF Receptor)	
743639	BD OptiBuild™ BV510 Rat Anti-Mouse CD115 (CSF-1R)	No data available
743591	BD OptiBuild™ BV510 Mouse Anti-Rat CD45R	No data available
743598	BD OptiBuild™ BV510 Mouse Anti-Human CXCR6 (CD186)	No data available
743618	BD OptiBuild™ BV510 Mouse Anti-Rat CD42d	No data available
743625	BD OptiBuild™ BV510 Mouse Anti-Human CD180	No data available
743632	BD OptiBuild™ BV510 Mouse Anti-Mouse IgD[a]	No data available
743651	BD OptiBuild™ BV510 Mouse Anti-Human CD103	No data available
743677	BD OptiBuild™ BV510 Rat Anti-Mouse Vβ 11 T-Cell Receptor	No data available
743656	BD OptiBuild™ BV510 Mouse Anti-Human CD300c	No data available
743663	BD OptiBuild™ BV510 Mouse Anti-Human CD44	No data available
743670	BD OptiBuild™ BV510 Mouse Anti-Integrin αvβ5	No data available
743696	BD OptiBuild™ BV510 Rat Anti-Mouse CD195	No data available
743704	BD OptiBuild™ BV510 Mouse Anti-Human CD144	No data available
743726	BD OptiBuild™ BV510 Mouse Anti-Human CD42a	No data available
743777	BD OptiBuild™ BV510 Mouse Anti-Human CD46	No data available
743788	BD OptiBuild™ BV510 Rat Anti-Mouse Integrin β7 Chain	No data available
743770	BD OptiBuild™ BV510 Rat Anti-Mouse CD88	No data available
743684	BD OptiBuild™ BV510 Rat Anti-Mouse CCRL2	No data available
743739	BD OptiBuild™ BV510 Mouse Anti-Human TREM-1 (CD354)	No data available
743750	BD OptiBuild™ BV510 Mouse Anti-Human Vδ2 TCR	No data available
743756	BD OptiBuild™ BV510 Mouse Anti-Human CD62P	No data available
743763	BD OptiBuild™ BV510 Mouse Anti-Human EphB2	No data available
743795	BD OptiBuild™ BV510 Mouse Anti-Human CD72	No data available
743830	BD OptiBuild™ BV510 Rat Anti-Mouse Vα2 TCR	No data available



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743809	BD OptiBuild™ BV510 Mouse Anti-Rat Ig, κ Light Chain	No data available
743816	BD OptiBuild™ BV510 Rat Anti-Mouse IL-17 Receptor B	No data available
743823	BD OptiBuild™ BV510 Mouse Anti-Human HVEM (CD270)	No data available
743886	BD OptiBuild™ BV510 Mouse Anti-Mouse IgM[a]	No data available
743843	BD OptiBuild™ BV510 Hamster Anti-Mouse CD148	No data available
743850	BD OptiBuild™ BV510 Mouse Anti-Rat IgG1/IgG2a	No data available
743857	BD OptiBuild™ BV510 Mouse Anti-Human CD91	No data available
743871	BD OptiBuild™ BV510 Rat Anti-Mouse I-A/I-E	No data available
743878	BD OptiBuild™ BV510 Rat Anti-Mouse CD96	No data available
743900	BD OptiBuild™ BV510 Mouse Anti-Human Endosialin (CD248)	No data available
743907	BD OptiBuild™ BV510 Mouse Anti-Human Notch1	No data available
743921	BD OptiBuild™ BV510 Mouse Anti-Rat CD44	No data available
743956	BD OptiBuild™ BV510 Mouse Anti-Human BAH-1	No data available
743949	BD OptiBuild™ BV510 Mouse Anti-Human CD94	No data available
743935	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Kk	No data available
743942	BD OptiBuild™ BV510 Mouse Anti-Human Platelet GPVI	No data available
743966	BD OptiBuild™ BV510 Rat Anti-Human Lgr5	No data available
744004	BD OptiBuild™ BV510 Mouse Anti-Human CD142	No data available
743978	BD OptiBuild™ BV510 Mouse Anti-Rat CD11b/c	No data available
743985	BD OptiBuild™ BV510 Mouse Anti-Human CD272 (BTLA)	No data available
743991	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 13 TCR	No data available
744064	BD OptiBuild™ BV510 Mouse Anti-Human CD321 (JAM-1)	No data available
744011	BD OptiBuild™ BV510 Rat Anti-Integrin β7	No data available
744028	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-49C and Ly49I	No data available
744035	BD OptiBuild™ BV510 Mouse Anti-Human Vγ9 TCR	No data available



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744050	BD OptiBuild™ BV510 Mouse Anti-Rat CD161a	No data available
744057	BD OptiBuild™ BV510 Mouse Anti-Human CD205	No data available
744075	BD OptiBuild™ BV510 Mouse Anti-Human CD31	No data available
744089	BD OptiBuild™ BV510 Mouse Anti-Human CD51/CD61	No data available
744098	BD OptiBuild™ BV510 Mouse Anti-Human CD178	No data available
744127	BD OptiBuild™ BV510 Mouse Anti-Rat RT1B	No data available
744120	BD OptiBuild™ BV510 Rat Anti-Mouse FR4 (Folate receptor 4)	No data available
744107	BD OptiBuild™ BV510 Rat Anti-Mouse MAdCAM-1	No data available
744114	BD OptiBuild™ BV510 Mouse Anti-Human CD154	No data available
744134	BD OptiBuild™ BV510 Rat Anti-Mouse IgG3	No data available
744203	BD OptiBuild™ BV510 Mouse Anti-Human CD212	No data available
744151	BD OptiBuild™ BV510 Rat Anti-Human CD104	No data available
744178	BD OptiBuild™ BV510 Hamster Anti-Mouse CD11c	No data available
744182	BD OptiBuild™ BV510 Mouse Anti-Rat Macrophage Subset	No data available
744189	BD OptiBuild™ BV510 Mouse Anti-Rat CD1d	No data available
744196	BD OptiBuild™ BV510 Mouse Anti-Human CD182	No data available
744218	BD OptiBuild™ BV510 Mouse Anti-Human NCAM-1 (CD56)	No data available
744225	BD OptiBuild™ BV510 Mouse Anti-Human CD62P	No data available
744229	BD OptiBuild™ BV510 Mouse Anti-Human CD79b	No data available
744236	BD OptiBuild™ BV510 Mouse Anti-Human CD307c	No data available
744254	BD OptiBuild™ BV510 Mouse Anti-Human CD32	No data available
744285	BD OptiBuild™ BV510 Rat Anti-Mouse CD244.1	No data available
744268	BD OptiBuild™ BV510 Mouse Anti-Human CD44	No data available
744261	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-49H	No data available
744275	BD OptiBuild™ BV510 Mouse Anti-Human CD35	No data available
744316	BD OptiBuild™ BV510 Mouse Anti-Human IgE	No data available



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744293	BD OptiBuild™ BV510 Rat Anti-Mouse IgG2a/IgG2b	No data available
744300	BD OptiBuild™ BV510 Mouse Anti-Human CD336 (NKp44)	No data available
744310	BD OptiBuild™ BV510 Mouse Anti-Human CD106	No data available
744323	BD OptiBuild™ BV510 Rat Anti-Mouse Ly-6A/E	No data available
744407	BD OptiBuild™ BV510 Mouse Anti-Human CD30	No data available
744330	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 8.1, 8.2 TCR	No data available
744344	BD OptiBuild™ BV510 Mouse Anti-Human CD150	No data available
744351	BD OptiBuild™ BV510 Mouse Anti-Human CD33	No data available
744358	BD OptiBuild™ BV510 Mouse Anti-Rat CD31	No data available
744375	BD OptiBuild™ BV510 Mouse Anti-Human CD89	No data available
744386	BD OptiBuild™ BV510 Mouse Anti-Mouse Qa-1(b)	No data available
744393	BD OptiBuild™ BV510 Mouse Anti-Human CD137 Ligand	No data available
744414	BD OptiBuild™ BV510 Mouse Anti-Rat CD71	No data available
744428	BD OptiBuild™ BV510 Mouse Anti-Human CD220	No data available
744480	BD OptiBuild™ BV510 Rat Anti-Mouse CD18	No data available
744463	BD OptiBuild™ BV510 Mouse Anti-Human CD31	No data available
744473	BD OptiBuild™ BV510 Hamster Anti-Mouse Vδ 6.3/2 TCR	No data available
744435	BD OptiBuild™ BV510 Mouse Anti-Human CD11c	No data available
744449	BD OptiBuild™ BV510 Mouse Anti-Human CD26	No data available
744456	BD OptiBuild™ BV510 Mouse Anti-Rat CD61	No data available
744487	BD OptiBuild™ BV510 Rat Anti-Human CX3CR1	No data available
744491	BD OptiBuild™ BV510 Mouse Anti-Human CD109	No data available
744524	BD OptiBuild™ BV510 Rat Anti-Mouse Ig, λ1, λ2 & λ3 Light Chain	No data available
744503	BD OptiBuild™ BV510 Mouse Anti-Human CD98	No data available
744510	BD OptiBuild™ BV510 Rat Anti-Mouse CD370 (Clec9A)	No data available



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744517	BD OptiBuild™ BV510 Mouse Anti-Human CD49c	No data available
744531	BD OptiBuild™ BV510 Rat Anti-Mouse IgG2a	No data available
744537	BD OptiBuild™ BV510 Mouse Anti-Human CD102	No data available
744598	BD OptiBuild™ BV510 Rat Anti-Mouse CD18	No data available
744544	BD OptiBuild™ BV510 Hamster Anti-Mouse CD279 (PD-1)	No data available
744551	BD OptiBuild™ BV510 Mouse Anti-Human CD18	No data available
744558	BD OptiBuild™ BV510 Mouse Anti-Human LAIR-1 (CD305)	No data available
744579	BD OptiBuild™ BV510 Mouse Anti-Human CD108	No data available
744591	BD OptiBuild™ BV510 Rat Anti-Mouse Vβ 6 T-Cell Receptor	No data available
744918	BD OptiBuild™ BV510 Mouse Anti-Human TCRαβ	No data available
744911	BD OptiBuild™ BV510 Mouse Anti-Human CD177	No data available
744912	BD OptiBuild™ BV510 Rat Anti-Mouse CD321 (JAM-1)	No data available
744917	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-49F	No data available
744913	BD OptiBuild™ BV510 Mouse Anti-Human BLTR-1 (Leukotriene B4 Receptor)	No data available
744920	BD OptiBuild™ BV510 Mouse Anti-Human CD58 (LFA-3)	No data available
744921	BD OptiBuild™ BV510 Mouse Anti-Human CD163	No data available
744922	BD OptiBuild™ BV510 Rat Anti-Mouse Vα 11.1, 11.2[b,d] TCR	No data available
744916	BD OptiBuild™ BV510 Mouse Anti-Rat CD1d	No data available
744914	BD OptiBuild™ BV510 Mouse Anti-Human CD1a	No data available
744915	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 12 T-Cell Receptor	No data available
744923	BD OptiBuild™ BV510 Mouse Anti-Human CD344	No data available
744926	BD OptiBuild™ BV510 Mouse Anti-Human CD71	No data available
744928	BD OptiBuild™ BV510 Mouse Anti-Mouse Vβ 17[a] T-Cell Receptor	No data available
744929	BD OptiBuild™ BV510 Mouse Anti-Mouse I-A[b]	No data available
744930	BD OptiBuild™ BV510 Mouse Anti-Human CD278 (ICOS)	No data available



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744933	BD OptiBuild™ BV510 Mouse Anti-Human TRAIL-R1 (CD261)	No data available
744944	BD OptiBuild™ BV510 Hamster Anti-Mouse V δ 4 TCR	No data available
744946	BD OptiBuild™ BV510 Mouse Anti-Human CD31	No data available
744951	BD OptiBuild™ BV510 Mouse Anti-Human CD222	No data available
744953	BD OptiBuild™ BV510 Mouse Anti-Human CD158b1, b2, j	No data available
744955	BD OptiBuild™ BV510 Rat Anti-Mouse CD179b	No data available
744956	BD OptiBuild™ BV510 Rat Anti-Mouse V α 8.3 T-Cell Receptor	No data available
744957	BD OptiBuild™ BV510 Mouse Anti-Human Her2/Neu	No data available
744940	BD OptiBuild™ BV510 Mouse Anti-Human RON (CD136)	No data available
744947	BD OptiBuild™ BV510 Mouse Anti-Mouse β 2-Microglobulin [b,c]	No data available
744950	BD OptiBuild™ BV510 Rat Anti-Mouse CD179a	No data available
744943	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2K[b]/H-2D[b]	No data available
744959	BD OptiBuild™ BV510 Mouse Anti-Human CD43	No data available
744960	BD OptiBuild™ BV510 Rat Anti-Mouse CD153	No data available
744962	BD OptiBuild™ BV510 Mouse Anti-Rat CD134	No data available
744965	BD OptiBuild™ BV510 Mouse Anti-Mouse V β 9 TCR	No data available
744968	BD OptiBuild™ BV510 Mouse Anti-Human CD16b	No data available
744971	BD OptiBuild™ BV510 Rat Anti-Mouse Crry/p65	No data available
744973	BD OptiBuild™ BV510 Mouse Anti-Syrian Hamster IgG2	No data available
744974	BD OptiBuild™ BV510 Mouse Anti-Human CD2	No data available
744975	BD OptiBuild™ BV510 Mouse Anti-Human CD64	No data available
744978	BD OptiBuild™ BV510 Mouse Anti-Human PI-16	No data available
744984	BD OptiBuild™ BV510 Mouse Anti-Rat CD49d	No data available
744985	BD OptiBuild™ BV510 Mouse Anti-Human LAG-3 (CD223)	No data available
744987	BD OptiBuild™ BV510 Mouse Anti-Mouse CD72 a, b, and d Alloantigens	No data available



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744935	BD OptiBuild™ BV510 Mouse Anti-Human CD172b	No data available
744942	BD OptiBuild™ BV510 Rat Anti-Mouse CD93 (Early B Lineage)	No data available
744945	BD OptiBuild™ BV510 Mouse Anti-Mouse I-A[p]	No data available
744938	BD OptiBuild™ BV510 Rat Anti-Mouse CD161a, b, c	No data available
744948	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Dk	No data available
744961	BD OptiBuild™ BV510 Mouse Anti-Rat High Affinity IgE Receptor	No data available
744967	BD OptiBuild™ BV510 Mouse Anti-Human IL-9 Receptor Alpha (CD129)	No data available
744970	BD OptiBuild™ BV510 Mouse Anti-Rat Crry/p65	No data available
744963	BD OptiBuild™ BV510 Mouse Anti-Mouse I-A[k]	No data available
744979	BD OptiBuild™ BV510 Mouse Anti-Mouse I-E[k]	No data available
744980	BD OptiBuild™ BV510 Rat Anti-Mouse CD98	No data available
744983	BD OptiBuild™ BV510 Mouse Anti-Human Delta-Like Protein 1	No data available
744986	BD OptiBuild™ BV510 Mouse Anti-Human CD36	No data available
744988	BD OptiBuild™ BV510 Mouse Anti-Rat RT1D	No data available
744990	BD OptiBuild™ BV510 Mouse Anti-Human Delta-Like Protein 4	No data available
744993	BD OptiBuild™ BV510 Mouse Anti-Human IREM-2 (CD300e)	No data available
744995	BD OptiBuild™ BV510 Rat Anti-Mouse CD122	No data available
744996	BD OptiBuild™ BV510 Mouse Anti-Human CMRF-56	No data available
744997	BD OptiBuild™ BV510 Rat Anti-Mouse Delta-Like Protein 1	No data available
744998	BD OptiBuild™ BV510 Mouse Anti-Human LDLR	No data available
744999	BD OptiBuild™ BV510 Mouse Anti-Rat CD11a	No data available
745000	BD OptiBuild™ BV510 Mouse Anti-Rat β 2 Microglobulin	No data available
745001	BD OptiBuild™ BV510 Mouse Anti-Mouse I-E[k]	No data available
745002	BD OptiBuild™ BV510 Mouse Anti-Human CD263 (TRAIL-R3)	No data available
745003	BD OptiBuild™ BV510 Mouse Anti-Rat Ig, λ Light Chain	No data available



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745004	BD OptiBuild™ BV510 Mouse Anti-Mouse I-A[q]	No data available
745005	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2D[q]/H-2L[q]	No data available
745007	BD OptiBuild™ BV510 Rat Anti-Mouse CD49d	No data available
745008	BD OptiBuild™ BV510 Rat Anti-Rat RT1A [a,b]	No data available
745009	BD OptiBuild™ BV510 Mouse Anti-Human CD11a	No data available
745010	BD OptiBuild™ BV510 Mouse Anti-Human CD165	No data available
745011	BD OptiBuild™ BV510 Rat Anti-Mouse CD100 (Sema4D)	No data available
745012	BD OptiBuild™ BV510 Mouse Anti-Mouse I-A[d]	No data available
745013	BD OptiBuild™ BV510 Rat Anti-Mouse CD161b	No data available
745015	BD OptiBuild™ BV510 Mouse Anti-Human CD13	No data available
745016	BD OptiBuild™ BV510 Mouse Anti-Human CD100 (Sema4D)	No data available
745019	BD OptiBuild™ BV510 Mouse Anti-Human CD148	No data available
745021	BD OptiBuild™ BV510 Mouse Anti-Rat CD314 (NKG2D)	No data available
745022	BD OptiBuild™ BV510 Rat Anti-Rat CD45.1	No data available
745024	BD OptiBuild™ BV510 Mouse Anti- Human P-glycoprotein (CD243)	No data available
745026	BD OptiBuild™ BV510 Mouse Anti-Human γδ TCR	No data available
745028	BD OptiBuild™ BV510 Mouse Anti-Human CD249	No data available
745032	BD OptiBuild™ BV510 Mouse Anti-Armenian and Syrian Hamster IgG	No data available
745033	BD OptiBuild™ BV510 Hamster Anti-Mouse CD183 (CXCR3)	No data available
745034	BD OptiBuild™ BV510 Mouse Anti-Human CD49d	No data available
745037	BD OptiBuild™ BV510 Rat Anti-Mouse CD223	No data available
745040	BD OptiBuild™ BV510 Mouse Anti-Human CD134	No data available
745041	BD OptiBuild™ BV510 Rat Anti-Mouse CD40	No data available
745042	BD OptiBuild™ BV510 Rat Anti-Mouse CD45RC	No data available
745043	BD OptiBuild™ BV510 Rat Anti-Mouse FLK-1	No data available



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745023	BD OptiBuild™ BV510 Mouse Anti-Human IREM-1 (CD300f)	No data available
745029	BD OptiBuild™ BV510 Mouse Anti-Human CD2	No data available
745030	BD OptiBuild™ BV510 Rat Anti-Mouse TIM-4	No data available
745031	BD OptiBuild™ BV510 Mouse Anti-Mouse Siglec-G	No data available
745035	BD OptiBuild™ BV510 Mouse Anti-Human HLA-DQ	No data available
745047	BD OptiBuild™ BV510 Mouse Anti-Human CD368	No data available
745048	BD OptiBuild™ BV510 Mouse Anti-40kDa Pan Carcinoma	No data available
745049	BD OptiBuild™ BV510 Mouse Anti-Rat CD26	No data available
745044	BD OptiBuild™ BV510 Mouse Anti-Human TLT-2	No data available
745045	BD OptiBuild™ BV510 Mouse Anti-Rat CD6	No data available
745046	BD OptiBuild™ BV510 Mouse Anti-Human CD92	No data available
745052	BD OptiBuild™ BV510 Mouse Anti-Human CD33	No data available
745054	BD OptiBuild™ BV510 Mouse Anti-Human Nectin-1 (CD111)	No data available
745056	BD OptiBuild™ BV510 Mouse Anti-Rat CD5	No data available
745057	BD OptiBuild™ BV510 Mouse Anti-Human CD262 (TRAIL-R2)	No data available
745058	BD OptiBuild™ BV510 Rat Anti-Mouse Pre-B Cell Receptor	No data available
745059	BD OptiBuild™ BV510 Rat Anti-Mouse CD86	No data available
745060	BD OptiBuild™ BV510 Mouse Anti-Human CD61	No data available
745061	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-51	No data available
745062	BD OptiBuild™ BV510 Mouse Anti-Human CD10	No data available
745066	BD OptiBuild™ BV510 Mouse Anti-Human CD229	No data available
745067	BD OptiBuild™ BV510 Mouse Anti-Human CD26	No data available
745071	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-49I	No data available
745063	BD OptiBuild™ BV510 Rat Anti-Mouse Delta-Like Protein 4	No data available
745070	BD OptiBuild™ BV510 Mouse Anti-Human CD34	No data available



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745064	BD OptiBuild™ BV510 Mouse Anti-Rat γδ T-Cell Receptor	No data available
745065	BD OptiBuild™ BV510 Hamster Anti-Mouse CD154 (CD40 Ligand)	No data available
745068	BD OptiBuild™ BV510 Mouse Anti-Human CD45RB	No data available
745075	BD OptiBuild™ BV510 Mouse Anti-Rat CD18	No data available
745076	BD OptiBuild™ BV510 Mouse Anti-Rat CD2	No data available
745079	BD OptiBuild™ BV510 Mouse Anti-Human CD137	No data available
745080	BD OptiBuild™ BV510 Rat Anti-Mouse IL-33R (ST2)	No data available
747521	BD OptiBuild™ BV510 Mouse Anti-Human CD69	No data available
745073	BD OptiBuild™ BV510 Mouse Anti-Mouse Ly-108	No data available
747607	BD OptiBuild™ BV510 Rat Anti-Mouse CD317 (BST2)	No data available
747569	BD OptiBuild™ BV510 Mouse Anti-Human CD133	No data available
747530	BD OptiBuild™ BV510 Mouse Anti-Human CD86	No data available
747539	BD OptiBuild™ BV510 Rat Anti-Mouse CD6	No data available
747587	BD OptiBuild™ BV510 Rat Anti-Mouse TIM-2	No data available
747549	BD OptiBuild™ BV510 Mouse Anti-Human CD101	No data available
747559	BD OptiBuild™ BV510 Mouse Anti-Human CD307d (FCRL4)	No data available
747578	BD OptiBuild™ BV510 Mouse Anti-Human CCR8 (CD198)	No data available
747597	BD OptiBuild™ BV510 Mouse Anti-Human HLA-C	No data available
747616	BD OptiBuild™ BV510 Mouse Anti-Human CD340 (HER-2)	No data available
747625	BD OptiBuild™ BV510 Mouse Anti-Mouse CD366 (TIM-3)	No data available
747635	BD OptiBuild™ BV510 Mouse Anti-Human Podoplanin	No data available
747644	BD OptiBuild™ BV510 Mouse Anti-Human CD133	No data available
747655	BD OptiBuild™ BV510 Mouse Anti-Human MUC1 (CD227)	No data available
747674	BD OptiBuild™ BV510 Rat Anti-Mouse Siglec-H	No data available
747683	BD OptiBuild™ BV510 Mouse Anti-Human SIRP γ (CD172g)	No data available



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747741	BD OptiBuild™ BV510 Mouse Anti-Human CD122	No data available
747665	BD OptiBuild™ BV510 Mouse Anti-Human GTR (CD357)	No data available
747693	BD OptiBuild™ BV510 Mouse Anti-Human CD307a (FCRL1)	No data available
747717	BD OptiBuild™ BV510 Rat Anti-Mouse CD24	No data available
747733	BD OptiBuild™ BV510 Rat Anti-Mouse IgM	No data available
747735	BD OptiBuild™ BV510 Mouse Anti-Human CD1d	No data available
747734	BD OptiBuild™ BV510 Rat Anti-Mouse IgE	No data available
747737	BD OptiBuild™ BV510 Mouse Anti-Human CD146	No data available
747746	BD OptiBuild™ BV510 Mouse Anti-Human CD105	No data available
747748	BD OptiBuild™ BV510 Rat Anti-Mouse CD326	No data available
747752	BD OptiBuild™ BV510 Mouse Anti-Human CD44	No data available
747747	BD OptiBuild™ BV510 Mouse Anti-Human CD29	No data available
747753	BD OptiBuild™ BV510 Mouse Anti-Human EGF Receptor	No data available
747754	BD OptiBuild™ BV510 Mouse Anti-Human CD203c	No data available
747760	BD OptiBuild™ BV510 Rat Anti-Mouse CD11a	No data available
747764	BD OptiBuild™ BV510 Rat Anti-Mouse CD21/CD35	No data available
747820	BD OptiBuild™ BV510 Rat Anti-Mouse CD193 (CCR3)	No data available
747826	BD OptiBuild™ BV510 Rat Anti-Mouse CD209a	No data available
747806	BD OptiBuild™ BV510 Mouse Anti-Human CCRL1	No data available
747815	BD OptiBuild™ BV510 Rat Anti-Mouse CD182 (CXCR2)	No data available
747776	BD OptiBuild™ BV510 Mouse Anti-Human HLA-A3	No data available
747786	BD OptiBuild™ BV510 Mouse Anti-Human FcεR1α	No data available
747822	BD OptiBuild™ BV510 Mouse Anti-Human CD34	No data available
747829	BD OptiBuild™ BV510 Mouse Anti-Human CD49e	No data available
747832	BD OptiBuild™ BV510 Rat Anti-Mouse CD196 (CCR6)	No data available



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747990	BD OptiBuild™ BV510 Mouse Anti-Human TCR Vβ3	No data available
747873	BD OptiBuild™ BV510 Mouse Anti-Human Siglec-8	No data available
747922	BD OptiBuild™ BV510 Mouse Anti-Human NKG2A (CD159a)	No data available
747980	BD OptiBuild™ BV510 Mouse Anti-Human TCR Cβ1	No data available
747842	BD OptiBuild™ BV510 Mouse Anti-Human TIGIT	No data available
747851	BD OptiBuild™ BV510 Mouse Anti-Human CCR2 (CD192)	No data available
747862	BD OptiBuild™ BV510 Mouse Anti-Human Axl	No data available
747886	BD OptiBuild™ BV510 Mouse Anti-Human HLA-B7	No data available
747933	BD OptiBuild™ BV510 Rat Anti-Mouse CD97 v2	No data available
747895	BD OptiBuild™ BV510 Rat Anti-Mouse Mer	No data available
747905	BD OptiBuild™ BV510 Rat Anti-Mouse CD354 (TREM-1)	No data available
747950	BD OptiBuild™ BV510 Rat Anti-Mouse CD16/CD32	No data available
747942	BD OptiBuild™ BV510 Mouse Anti-Human CD217 (IL-17RA)	No data available
747970	BD OptiBuild™ BV510 Rat Anti-Mouse CD192 (CCR2)	No data available
748005	BD OptiBuild™ BV510 Mouse Anti-Human BDCA-2 (CD303)	No data available
748014	BD OptiBuild™ BV510 Mouse Anti-Human BCAM (CD239)	No data available
748025	BD OptiBuild™ BV510 Mouse Anti-Human CD334	No data available
748038	BD OptiBuild™ BV510 Rat Anti-Mouse TSPAN8	No data available
748054	BD OptiBuild™ BV510 Mouse Anti-Human ICAM-4 (CD242)	No data available
748030	BD OptiBuild™ BV510 Rat Anti-Mouse Axl	No data available
748111	BD OptiBuild™ BV510 Rat Anti-Mouse CD151	No data available
748070	BD OptiBuild™ BV510 Rat Anti-Mouse CD300a (LMIR1)	No data available
748080	BD OptiBuild™ BV510 Rat Anti-Mouse Rae-1	No data available
748085	BD OptiBuild™ BV510 Rat Anti-Mouse CD204 (SR-AI, MSR1)	No data available
748096	BD OptiBuild™ BV510 Rat Anti-Mouse CD56 (NCAM-1)	No data available



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748210	BD OptiBuild™ BV510 Mouse Anti-Human CLEC-2A	No data available
748139	BD OptiBuild™ BV510 Mouse Anti-Human CLEC-2 (CLEC1B)	No data available
748146	BD OptiBuild™ BV510 Mouse Anti-Human EphA2	No data available
748156	BD OptiBuild™ BV510 Rat Anti-Mouse Siglec-E	No data available
748123	BD OptiBuild™ BV510 Rat Anti-Human TREML1 (TLT-1)	No data available
748130	BD OptiBuild™ BV510 Mouse Anti-Human ULBP-2/5/6	No data available
748167	BD OptiBuild™ BV510 Mouse Anti-Human CD159c (NKG2C)	No data available
748201	BD OptiBuild™ BV510 Rat Anti-Human Claudin-1	No data available
748230	BD OptiBuild™ BV510 Rat Anti-Human TSPAN8	No data available
748277	BD OptiBuild™ BV510 Mouse Anti-Human PVR (CD155)	No data available
748237	BD OptiBuild™ BV510 Rat Anti-Mouse CD155	No data available
748250	BD OptiBuild™ BV510 Mouse Anti-Mouse CD229	No data available
748258	BD OptiBuild™ BV510 Hamster Anti-Mouse CD103	No data available
748262	BD OptiBuild™ BV510 Rat Anti-Mouse CD144	No data available
748285	BD OptiBuild™ BV510 Mouse Anti-Human CD161	No data available
749606	BD OptiBuild™ BV510 Mouse Anti-Human FCRL5 (CD307e)	No data available
749492	BD OptiBuild™ BV510 Mouse Anti-Human TCR Vα7.2	No data available
749505	BD OptiBuild™ BV510 Rat Anti-Mouse CR1g	No data available
749531	BD OptiBuild™ BV510 Mouse Anti-Human SUSD2	No data available
749575	BD OptiBuild™ BV510 Rat Anti-Mouse CD84	No data available
749654	BD OptiBuild™ BV510 Mouse Anti-Human VISTA	No data available
749778	BD OptiBuild™ BV510 Mouse Anti-Human MICA	No data available
749764	BD OptiBuild™ BV510 Rat Anti-Mouse CD355 (CRTAM)	No data available
749741	BD OptiBuild™ BV510 Mouse Anti-Human CD298	No data available
749726	BD OptiBuild™ BV510 Mouse Anti-Human Podoplanin	No data available



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749754	BD OptiBuild™ BV510 Mouse Anti-Human EGF Receptor	No data available
749710	BD OptiBuild™ BV510 Rat Anti-Mouse H-2 Class I	No data available
749794	BD OptiBuild™ BV510 Rat Anti-Mouse CD369 (Clec7a)	No data available
749804	BD OptiBuild™ BV510 Mouse Anti-Human JAML (AMICA)	No data available
749859	BD OptiBuild™ BV510 Mouse Anti-Human CD164	No data available
750816	BD OptiBuild™ BV510 Rat Anti-Mouse CD123	No data available
750842	BD OptiBuild™ BV510 Mouse Anti-Human CD319 (CRACC)	No data available
750350	BD OptiBuild™ BV510 Mouse Anti-Mouse H-2Kk	No data available
750559	BD OptiBuild™ BV510 Mouse Anti-Human CD171	No data available
750793	BD OptiBuild™ BV510 Mouse Anti-Mouse DO-11.10 Clonotypic TCR	No data available
750808	BD OptiBuild™ BV510 Mouse Anti-Human SSEA-5	No data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Scientific and industrial laboratory use. For research use only.
Uses advised against: Not for use in diagnostic or therapeutic procedures.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Becton, Dickinson and Company, BD Biosciences
155 North McCarthy Boulevard
95035 Milpitas, California
USA

Telephone: 1 877 232 8995 or 1 800 424 9300
Fax: not available

Contact Person: Business Unit Product Stewardship Team
E-mail: BDB-PS-SDS-LABEL@bd.com

Supplier

Becton Dickinson
1030 Eskdale Road, Winnersh Triangle
RG41 5TS Wokingham, Berkshire
United Kingdom

Telephone: 01189216499

1.4 Emergency telephone number: CHEMTREC 1 800 424 9300

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Not classified

2.2 Label Elements

Not applicable

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: No hazardous ingredients.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	Get medical attention if symptoms occur.
Inhalation:	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.
Skin Contact:	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
Ingestion:	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Personal Protection for First-aid Responders:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No data available.



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Hazards: No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.

5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture: Fire or excessive heat may produce hazardous decomposition products.

5.3 Advice for firefighters

Special fire-fighting procedures: No unusual fire or explosion hazards noted.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Contact local authorities in case of spillage to drain/aquatic environment. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

6.1.1 For non-emergency personnel: No data available.

6.1.2 For emergency responders: No data available.

6.2 Environmental Precautions: Avoid release to the environment.

6.3 Methods and material for containment and cleaning up: Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

6.4 Reference to other sections: No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures: No data available.

Local/Total ventilation: No data available.

Safe handling advice: When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

Contact avoidance measures: No data available.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Store in a cool, dry place. Keep container tightly closed.

Safe packaging materials: No data available.

7.3 Specific end use(s): Reserved for industrial and professional use. Read label before use.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Sodium Chloride (NaCl)	General population	Inhalation	Systemic, long-term 443.28 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term 2068.62 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Systemic, short-term 2068.62 mg/m3	Repeated dose toxicity

	General population	Inhalation	Systemic, short-term 443.28 mg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term 126.65 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term 295.52 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, short-term 295.52 mg/kg	Repeated dose toxicity
	General population	Oral	Systemic, short-term 126.65 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, short-term 126.65 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, long-term 126.65 mg/kg	Repeated dose toxicity
Sodium azide (Na(N ₃))	General population	Eyes	Local effect	No hazard identified
	Workers	Eyes	Local effect	No hazard identified
	General population	Inhalation	Systemic, long-term 87 µg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term 0.05 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term 0.14 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term 0.493 mg/m ³	Repeated dose toxicity
	General population	Dermal	Systemic, long-term 0.05 mg/kg	Repeated dose toxicity
Dimethyl sulfoxide	General population	Inhalation	Local, long-term 3.13 mg/m ³	irritation respiratory tract
	Workers	Inhalation	Local, long-term 17.67 mg/m ³	irritation respiratory tract
	General population	Eyes	Local effect	No hazard identified
	Workers	Eyes	Local effect	No hazard identified
	Workers	Dermal	Systemic, long-term 356 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term 75 mg/m ³	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term 56 mg/m ³	Repeated dose toxicity
	General population	Dermal	Systemic, long-term 178 mg/kg	Repeated dose toxicity
	General population	Oral	Systemic, long-term 1.67 mg/kg	Effect on fertility
Sodium hydroxide (Na(OH))	Workers	Inhalation	Local, long-term 1 mg/m ³	irritation respiratory tract
	General population	Inhalation	Local, long-term 1 mg/m ³	irritation respiratory tract

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Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.	Workers	Eyes	Local effect	No hazard identified
	General population	Eyes	Local effect	No hazard identified

PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
Sodium Chloride (NaCl)	Aquatic (freshwater)	5 mg/l	
	Sewage treatment plant	500 mg/l	
	Soil	4.86 mg/kg	Soil
Sodium azide (Na(N ₃))	Aquatic (marine water)	0.015 µg/l	
	Sewage treatment plant	30 µg/l	
	Sediment (freshwater)	0.0167 mg/kg	
	Sediment (marine water)	0.00072 mg/kg	
	Aquatic (freshwater)	0.35 µg/l	
Dimethyl sulfoxide	Aquatic (marine water)	1.7 mg/l	
	Predator	0.7 g/kg	Oral
	Aquatic (freshwater)	17 mg/l	
	Sediment (marine water)	6.14 mg/kg	
	Sediment (freshwater)	61.4 mg/kg	
	Soil	2.32 mg/kg	Soil
	Sewage treatment plant	11 mg/l	
Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.	Sediment (marine water)	1000 mg/kg	
	Sediment (freshwater)	1.141 mg/kg	
	Aquatic (freshwater)	0.2 mg/l	
	Aquatic (marine water)	0.02 mg/l	

8.2 Exposure controls

Appropriate Engineering Controls:

No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment (PPE)



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Eye/face protection:	Wear safety glasses with side shields (or goggles).
Hand Protection:	Material: Chemical resistant gloves Additional Information: Wash hands after contact. Material: Suitable gloves can be recommended by the glove supplier.
Skin and Body Protection:	Wear a lab coat or similar protective clothing.
Respiratory Protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Hygiene measures:	Observe good industrial hygiene practices.
Environmental Controls:	No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Colorless to yellow
Odor:	Odorless
Odor Threshold:	No data available.
Freezing point:	No data available.
Boiling Point:	No data available.
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	No data available.
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	5.9 - 6.1

Viscosity

Dynamic viscosity: No data available.

Kinematic viscosity: No data available.

Solubility(ies)

Solubility in Water: Soluble

Partition coefficient (n-octanol/water): No data available.

Vapor pressure: No data available.

Relative density: No data available.

Density: No data available.

Relative vapor density: No data available.

Particle characteristics

Particle Size: No data available.

Particle Size Distribution: No data available.

Dustiness: No data available.

Specific surface area: No data available.

Surface charge/Zeta potential: No data available.

Shape: No data available.

Crystallinity: No data available.

Surface treatment: No data available.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

- | | | |
|-------------|--|---|
| 10.1 | Reactivity: | Material is stable under normal conditions. |
| 10.2 | Chemical Stability: | Material is stable under normal conditions. |
| 10.3 | Possibility of hazardous reactions: | Stable |
| 10.4 | Conditions to avoid: | Avoid exposure to high temperatures or direct sunlight. |
| 10.5 | Incompatible Materials: | Metals. Water reactive material. |
| 10.6 | Hazardous Decomposition Products: | No data available. |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

11.2 Information on other hazards

Other information

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Toxicity to Aquatic Plants

Product: No data available.

Toxicity to microorganisms

Product: No data available.

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.



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12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log K_{ow})

Product: No data available.

12.4 Mobility in soil:

Product: No data available.

12.5 Results of PBT and vPvB assessment:

Product: No data available.

12.6 Other adverse effects:

Other hazards

Product: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose of waste and residues in accordance with local authority requirements.

Disposal methods: No data available.

Contaminated Packaging: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 14: Transport information

ADR

14.1 UN number or ID number:	Not Regulated.
14.2 UN Proper Shipping Name:	Not Regulated.
14.3 Transport Hazard Class(es)	
Class:	Not Regulated.
Label(s):	Not Regulated.
Hazard No. (ADR):	Not Regulated.
Tunnel restriction code:	Not Regulated.
14.4 Packing Group:	Not Regulated.
Limited quantity	Not Regulated.
Excepted quantity	Not Regulated.

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14.5 Environmental Hazards Not Regulated.
14.6 Special precautions for user: Not Regulated.

RID

14.1 UN number or ID number: Not Regulated.
14.2 UN Proper Shipping Name: Not Regulated.
14.3 Transport Hazard Class(es)
Class: Not Regulated.
Label(s): Not Regulated.
14.4 Packing Group: Not Regulated.
Limited quantity Not Regulated.
Excepted quantity Not Regulated.
14.5 Environmental Hazards Not Regulated.
14.6 Special precautions for user: Not Regulated.

IMDG

14.1 UN number or ID number: Not Regulated.
14.2 UN Proper Shipping Name: Not Regulated.
14.3 Transport Hazard Class(es)
Class: Not Regulated.
Label(s): Not Regulated.
EmS No.: Not Regulated.
14.4 Packing Group: Not Regulated.
Limited quantity Not Regulated.
Excepted quantity Not Regulated.
14.5 Environmental Hazards Not Regulated.
14.6 Special precautions for user: Not Regulated.

IATA

14.1 UN number or ID number: Not Regulated.
14.2 UN Proper Shipping Name: Not Regulated.
14.3 Transport Hazard Class(es)
Class: Not Regulated.
Label(s): Not Regulated.
14.4 Packing Group: Not Regulated.
Passenger and cargo aircraft : Not Regulated.
Limited quantity Not Regulated.
Excepted quantity Not Regulated.
14.5 Environmental Hazards Not Regulated.
14.6 Special precautions for user: Not Regulated.

14.7 Maritime transport in bulk according to IMO instruments
Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

UK. REACH, Annex XIV, Substances Subject to Authorization (Authorization List), as amended: None

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present or none present in regulated quantities.

UK. UK REACH Candidate List of substances of very high concern (SVHCs) for Authorisation: None present or none present in regulated quantities.

UK. POPs List. SI Persistent Organic Pollutants Regulations 3106/2007, amended by UK POPs (Amendment) (EU Exit) Regulations 2020 (No. 1358), as amended: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: None present or none present in regulated quantities.

UK EXP1: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP2: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP3: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK BAN: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK REACH List of restrictions (Annex 17):

Chemical name	CAS-No.	Number on list
Sodium azide (Na(N ₃))	26628-22-8	3
Sodium hydroxide (Na(OH))	1310-73-2	3

Control of Major Accident Hazards Regulations 2015 (COMAH): None present or none present in regulated quantities.

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

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15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: European Chemicals Agency (ECHA): Information on Chemicals.

Wording of the statements in section 2 and 3

: none

Training information: No data available.



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