



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

Version: 1.2
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)
746239	BD OptiBuild™ BV480 Rat Anti-Mouse CD93 (Early B Lineage)	No data available
746240	BD OptiBuild™ BV480 Mouse Anti-Human CD1a	No data available
746241	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-49A	No data available
746247	BD OptiBuild™ BV480 Mouse Anti-Human CD71	No data available
746242	BD OptiBuild™ BV480 Mouse Anti-Human CD20	No data available
746243	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-49F	No data available
746244	BD OptiBuild™ BV480 Hamster Anti-Rat CD49a (Integrin α 1 chain)	No data available
746248	BD OptiBuild™ BV480 Mouse Anti-Human CD278 (ICOS)	No data available
746249	BD OptiBuild™ BV480 Rat Anti-Mouse CD62P	No data available
746250	BD OptiBuild™ BV480 Mouse Anti-Human TRAIL-R1 (CD261)	No data available
746252	BD OptiBuild™ BV480 Mouse Anti-Human B7-H4	No data available
746263	BD OptiBuild™ BV480 Rat Anti-Mouse CD179a	No data available
746254	BD OptiBuild™ BV480 Mouse Anti-Human CD53	No data available
746256	BD OptiBuild™ BV480 Mouse Anti-Mouse V β 8 T-Cell Receptor	No data available
746257	BD OptiBuild™ BV480 Mouse Anti-Human CD23	No data available
746261	BD OptiBuild™ BV480 Mouse Anti-Human CD31	No data available
746259	BD OptiBuild™ BV480 Hamster Anti-Mouse CD28	No data available
746260	BD OptiBuild™ BV480 Rat Anti-Mouse CD31	No data available
746265	BD OptiBuild™ BV480 Mouse Anti-Mouse NK-1.1	No data available



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746266	BD OptiBuild™ BV480 Mouse Anti-Human CD8b	No data available
746268	BD OptiBuild™ BV480 Rat Anti-Mouse Vα 8.3 T-Cell Receptor	No data available
746270	BD OptiBuild™ BV480 Mouse Anti-Human CD31	No data available
746271	BD OptiBuild™ BV480 Mouse Anti-Rat CD4	No data available
746272	BD OptiBuild™ BV480 Rat Anti-Mouse CD153	No data available
746273	BD OptiBuild™ BV480 Mouse Anti-Rat High Affinity IgE Receptor	No data available
746274	BD OptiBuild™ BV480 Mouse Anti-Human CD162	No data available
746275	BD OptiBuild™ BV480 Rat Anti-Mouse CD274	No data available
746277	BD OptiBuild™ BV480 Mouse Anti-Human NKB1 (CD158e1)	No data available
746278	BD OptiBuild™ BV480 Mouse Anti-Human CD24 (Heat Stable Antigen)	No data available
746281	BD OptiBuild™ BV480 Mouse Anti-Human Siglec-1 (CD169)	No data available
746282	BD OptiBuild™ BV480 Rat Anti-Mouse CD147	No data available
746284	BD OptiBuild™ BV480 Mouse Anti-Human CD16b	No data available
746285	BD OptiBuild™ BV480 Mouse Anti-Mouse Vβ 5.1, 5.2 T-Cell Receptor	No data available
746286	BD OptiBuild™ BV480 Mouse Anti-Human CD90	No data available
746288	BD OptiBuild™ BV480 Hamster Anti-Mouse CD79b	No data available
746291	BD OptiBuild™ BV480 Mouse Anti-Mouse I-E[k]	No data available
746264	BD OptiBuild™ BV480 Rat Anti-Mouse CD335 (NKp46)	No data available
746258	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2K[b]/H-2D[b]	No data available
746262	BD OptiBuild™ BV480 Mouse Anti-Mouse IgD[b]	No data available
746283	BD OptiBuild™ BV480 Mouse Anti-Human CD183 (CXCR3)	No data available
746287	BD OptiBuild™ BV480 Mouse Anti-Human CD275	No data available
746253	BD OptiBuild™ BV480 Mouse Anti-Human Disialoganglioside GD2	No data available
746269	BD OptiBuild™ BV480 Mouse Anti-Mouse I-Ak	No data available
746276	BD OptiBuild™ BV480 Mouse Anti-Mouse I-A[k]	No data available



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746279	BD OptiBuild™ BV480 Mouse Anti-Human CD206	No data available
746293	BD OptiBuild™ BV480 Rat Anti-Mouse CD160	No data available
746294	BD OptiBuild™ BV480 Mouse Anti-Human C3a Receptor	No data available
746295	BD OptiBuild™ BV480 Mouse Anti-Rat CD54	No data available
746296	BD OptiBuild™ BV480 Mouse Anti-Human CD27	No data available
746298	BD OptiBuild™ BV480 Mouse Anti-Human CD51/CD61	No data available
746300	BD OptiBuild™ BV480 Mouse Anti-Human Delta-Like Protein 4	No data available
746301	BD OptiBuild™ BV480 Mouse Anti-Human TCR Vβ8	No data available
746304	BD OptiBuild™ BV480 Mouse Anti-Human CD14	No data available
746305	BD OptiBuild™ BV480 Mouse Anti-Human CD161	No data available
746308	BD OptiBuild™ BV480 Mouse Anti-Human CMRF-56	No data available
746309	BD OptiBuild™ BV480 Mouse Anti-Human LDLR	No data available
746312	BD OptiBuild™ BV480 Mouse Anti-Mouse CD90/Mouse CD90.1	No data available
746313	BD OptiBuild™ BV480 Mouse Anti-Human CD3	No data available
746315	BD OptiBuild™ BV480 Mouse Anti-Rat Ig, λ Light Chain	No data available
746292	BD OptiBuild™ BV480 Mouse Anti-Human CD66	No data available
746306	BD OptiBuild™ BV480 Rat Anti-Mouse CD21/CD35	No data available
746314	BD OptiBuild™ BV480 Mouse Anti-Human CD263 (TRAIL-R3)	No data available
746297	BD OptiBuild™ BV480 Rat Anti-Mouse CD2	No data available
746302	BD OptiBuild™ BV480 Mouse Anti-Human IREM-2 (CD300e)	No data available
746310	BD OptiBuild™ BV480 Mouse Anti-Rat CD11a	No data available
746311	BD OptiBuild™ BV480 Mouse Anti-Rat β2 Microglobulin	No data available
746316	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Kd	No data available
746317	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2D[q]/H-2L[q]	No data available
746320	BD OptiBuild™ BV480 Rat Anti-Mouse CD49d	No data available



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746321	BD OptiBuild™ BV480 Mouse Anti-Human ROR1	No data available
746322	BD OptiBuild™ BV480 Mouse Anti-Mouse I-A[d]	No data available
746323	BD OptiBuild™ BV480 Rat Anti-Mouse CD161b	No data available
746324	BD OptiBuild™ BV480 Rat Anti-Mouse CD16/CD32	No data available
746326	BD OptiBuild™ BV480 Rat Anti-Mouse CD106	No data available
746328	BD OptiBuild™ BV480 Rat Anti-Mouse CD125 (IL-5 Receptor α)	No data available
746318	BD OptiBuild™ BV480 Mouse Anti-Human MSR1 (CD204)	No data available
746319	BD OptiBuild™ BV480 Mouse Anti-Human CD97	No data available
746325	BD OptiBuild™ BV480 Mouse Anti-Human CD178	No data available
746329	BD OptiBuild™ BV480 Rat Anti-Mouse CD23	No data available
746330	BD OptiBuild™ BV480 Mouse Anti-Human CD40	No data available
746331	BD OptiBuild™ BV480 Rat Anti-Mouse V β 4 T-Cell Receptor	No data available
746335	BD OptiBuild™ BV480 Rat Anti-Rat CD45.1	No data available
746336	BD OptiBuild™ BV480 Rat Anti-Mouse MAdCAM-1	No data available
746337	BD OptiBuild™ BV480 Mouse Anti-Human CD154	No data available
746339	BD OptiBuild™ BV480 Mouse Anti-Human CD119	No data available
746340	BD OptiBuild™ BV480 Mouse Anti-Human CD114	No data available
746341	BD OptiBuild™ BV480 Mouse Anti-Human IgG	No data available
746343	BD OptiBuild™ BV480 Hamster Anti-Mouse $\gamma\delta$ T-Cell Receptor	No data available
746346	BD OptiBuild™ BV480 Mouse Anti-Human CD274 (B7-H1)	No data available
746347	BD OptiBuild™ BV480 Hamster Anti-Mouse V γ 2 T-Cell Receptor	No data available
746348	BD OptiBuild™ BV480 Mouse Anti-Human CD140b	No data available
746349	BD OptiBuild™ BV480 Mouse Anti-Human HLA-DQ	No data available
746350	BD OptiBuild™ BV480 Mouse Anti-Rat RT1B	No data available
746352	BD OptiBuild™ BV480 Rat Anti-Mouse IgG3	No data available



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746353	BD OptiBuild™ BV480 Hamster Anti-Mouse KLRG1	No data available
746354	BD OptiBuild™ BV480 Mouse Anti-Human CD99	No data available
746355	BD OptiBuild™ BV480 Hamster Anti-Mouse CD49b (Integrin α2 chain)	No data available
746356	BD OptiBuild™ BV480 Mouse Anti-Human CD9	No data available
746358	BD OptiBuild™ BV480 Mouse Anti-Human CD235a	No data available
746359	BD OptiBuild™ BV480 Mouse Anti-40kDa Pan Carcinoma	No data available
746360	BD OptiBuild™ BV480 Mouse Anti-Human HLA-DR, DP, DQ	No data available
746361	BD OptiBuild™ BV480 Mouse Anti-Human CD194	No data available
746364	BD OptiBuild™ BV480 Mouse Anti-Rat CD26	No data available
746365	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Dd	No data available
746333	BD OptiBuild™ BV480 Mouse Anti-Human HLA-A2	No data available
746338	BD OptiBuild™ BV480 Rat Anti-Mouse CD35	No data available
746351	BD OptiBuild™ BV480 Rat Anti-Mouse CD40	No data available
746357	BD OptiBuild™ BV480 Mouse Anti-Human CD276	No data available
746345	BD OptiBuild™ BV480 Rat Anti-Mouse FR4 (Folate receptor 4)	No data available
746366	BD OptiBuild™ BV480 Mouse Anti-Human CD33	No data available
746367	BD OptiBuild™ BV480 Rat Anti-Mouse CD326	No data available
746368	BD OptiBuild™ BV480 Hamster Anti-Mouse CD3	No data available
746369	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Db	No data available
746370	BD OptiBuild™ BV480 Rat Anti-Mouse CD86	No data available
746371	BD OptiBuild™ BV480 Mouse Anti-Human CD44	No data available
746372	BD OptiBuild™ BV480 Rat Anti-Mouse Delta-Like Protein 4	No data available
746375	BD OptiBuild™ BV480 Mouse Anti-Human CD81 (TAPA-1)	No data available
746376	BD OptiBuild™ BV480 Mouse Anti-Human CD326	No data available
746377	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Ld/H-2Db	No data available



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746379	BD OptiBuild™ BV480 Rat Anti-Mouse CD13	No data available
746380	BD OptiBuild™ BV480 Mouse Anti-Human CD80 (B7-1)	No data available
746382	BD OptiBuild™ BV480 Mouse Anti-Human CD243	No data available
746384	BD OptiBuild™ BV480 Rat Anti-Mouse IgG1	No data available
746385	BD OptiBuild™ BV480 Hamster Anti-Mouse TCR β Chain	No data available
746386	BD OptiBuild™ BV480 Rat Anti-Mouse CD172a	No data available
746387	BD OptiBuild™ BV480 Mouse Anti-Rat CD45RC	No data available
746389	BD OptiBuild™ BV480 Rat Anti-Human CD201	No data available
746390	BD OptiBuild™ BV480 Mouse Anti-Human CD8	No data available
746392	BD OptiBuild™ BV480 Hamster Anti-Mouse CD11c	No data available
746393	BD OptiBuild™ BV480 Rat Anti-Mouse CD321 (JAM-1)	No data available
746396	BD OptiBuild™ BV480 Mouse Anti-Mouse Vβ 12 T-Cell Receptor	No data available
746397	BD OptiBuild™ BV480 Mouse Anti-Human CD200	No data available
746398	BD OptiBuild™ BV480 Rat Anti-Mouse CD276 (B7-H3)	No data available
746399	BD OptiBuild™ BV480 Mouse Anti-Rat Macrophage Subset	No data available
746401	BD OptiBuild™ BV480 Mouse Anti-Human CD58 (LFA-3)	No data available
746402	BD OptiBuild™ BV480 Mouse Anti-Rat CD4	No data available
746403	BD OptiBuild™ BV480 Rat Anti-Mouse Vα 11.1, 11.2[b,d] TCR	No data available
746404	BD OptiBuild™ BV480 Mouse Anti-Human CD314 (NKG2D)	No data available
746374	BD OptiBuild™ BV480 Rat Anti-Human CD104	No data available
746381	BD OptiBuild™ BV480 Mouse Anti-Human CD193	No data available
746388	BD OptiBuild™ BV480 Rat Anti-Human CD294 (CRTH2)	No data available
746378	BD OptiBuild™ BV480 Rat Anti-Mouse CD11a	No data available
746394	BD OptiBuild™ BV480 Mouse Anti-Human BLTR-1 (Leukotriene B4 Receptor)	No data available
746395	BD OptiBuild™ BV480 Rat Anti-Mouse CD104	No data available



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746405	BD OptiBuild™ BV480 Mouse Anti-Human CD226	No data available
746407	BD OptiBuild™ BV480 Mouse Anti-Mouse Vβ 17[a] T-Cell Receptor	No data available
746408	BD OptiBuild™ BV480 Mouse Anti-Mouse I-A[b]	No data available
746410	BD OptiBuild™ BV480 Mouse Anti-Human CD50	No data available
746411	BD OptiBuild™ BV480 Mouse Anti-Human CD87	No data available
746412	BD OptiBuild™ BV480 Rat Anti-Mouse CD1d	No data available
746413	BD OptiBuild™ BV480 Mouse Anti-Human CD172a/b	No data available
746414	BD OptiBuild™ BV480 Mouse Anti-Rat IgM	No data available
746415	BD OptiBuild™ BV480 Mouse Anti-Human CD34	No data available
746417	BD OptiBuild™ BV480 Hamster Anti-Mouse CD272 (BTLA)	No data available
746419	BD OptiBuild™ BV480 Mouse Anti-Human CD268 (BAFF Receptor)	No data available
746420	BD OptiBuild™ BV480 Mouse Anti-Human CD182	No data available
746422	BD OptiBuild™ BV480 Mouse Anti-Human CD212	No data available
746423	BD OptiBuild™ BV480 Rat Anti-Mouse CD93 (Early B Lineage)	No data available
746427	BD OptiBuild™ BV480 Mouse Anti-Rat CD45R	No data available
746428	BD OptiBuild™ BV480 Mouse Anti-Human Integrin α5 chain (CD49e)	No data available
746430	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Dk	No data available
746431	BD OptiBuild™ BV480 Mouse Anti-Human CXCR6 (CD186)	No data available
746416	BD OptiBuild™ BV480 Mouse Anti-Rat CD1d	No data available
746426	BD OptiBuild™ BV480 Rat Anti-Mouse IgM	No data available
746429	BD OptiBuild™ BV480 Mouse Anti-Rat CD45	No data available
746437	BD OptiBuild™ BV480 Mouse Anti-Human CD3	No data available
746432	BD OptiBuild™ BV480 Mouse Anti-Human CD222	No data available
746433	BD OptiBuild™ BV480 Hamster Anti-Mouse CD49e	No data available
746434	BD OptiBuild™ BV480 Mouse Anti-Human CD85j	No data available



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746440	BD OptiBuild™ BV480 Rat Anti-Mouse CD122	No data available
746442	BD OptiBuild™ BV480 Mouse Anti-Human Her2/Neu	No data available
746446	BD OptiBuild™ BV480 Mouse Anti-Human CD79b	No data available
746447	BD OptiBuild™ BV480 Mouse Anti-Rat CD42d	No data available
746449	BD OptiBuild™ BV480 Mouse Anti-Mouse Vβ9 TCR	No data available
746451	BD OptiBuild™ BV480 Mouse Anti-Human Neuropilin-1 (CD304)	No data available
746452	BD OptiBuild™ BV480 Mouse Anti-Mouse IgD[a]	No data available
746454	BD OptiBuild™ BV480 Mouse Anti-Human CD39	No data available
746456	BD OptiBuild™ BV480 Rat Anti-Mouse CD115 (CSF-1R)	No data available
746459	BD OptiBuild™ BV480 Mouse Anti-Rat Crry/p65	No data available
746460	BD OptiBuild™ BV480 Mouse Anti-Human CD33	No data available
746461	BD OptiBuild™ BV480 Mouse Anti-Human CD307c	No data available
746462	BD OptiBuild™ BV480 Mouse Anti-Syrian Hamster IgG2	No data available
746463	BD OptiBuild™ BV480 Mouse Anti-Human CD5	No data available
746464	BD OptiBuild™ BV480 Mouse Anti-Human CD203c	No data available
746465	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-49D	No data available
746466	BD OptiBuild™ BV480 Rat Anti-Human CD115 (CSF-1R)	No data available
746467	BD OptiBuild™ BV480 Hamster Anti-Rat CD62L	No data available
746468	BD OptiBuild™ BV480 Rat Anti-Mouse CD71 (Transferrin Receptor)	No data available
746469	BD OptiBuild™ BV480 Mouse Anti-Human Delta-Like Protein 1	No data available
746470	BD OptiBuild™ BV480 Mouse Anti-Human CD8	No data available
746471	BD OptiBuild™ BV480 Mouse Anti-Human CD8	No data available
746472	BD OptiBuild™ BV480 Mouse Anti-Human CD103	No data available
746473	BD OptiBuild™ BV480 Mouse Anti-Rat RT1D	No data available
746474	BD OptiBuild™ BV480 Mouse Anti-Human CD300c	No data available



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746475	BD OptiBuild™ BV480 Rat Anti-Mouse CD4	No data available
746476	BD OptiBuild™ BV480 Rat Anti-Mouse CD38	No data available
746477	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Kq	No data available
746478	BD OptiBuild™ BV480 Mouse Anti-Human CD124	No data available
746479	BD OptiBuild™ BV480 Mouse Anti-Human CD44	No data available
746481	BD OptiBuild™ BV480 Mouse Anti-Integrin αβ5	No data available
746482	BD OptiBuild™ BV480 Mouse Anti-Human CD32	No data available
746483	BD OptiBuild™ BV480 Mouse Anti-Mouse I-A[q]	No data available
746484	BD OptiBuild™ BV480 Rat Anti-Mouse Vβ 11 T-Cell Receptor	No data available
746485	BD OptiBuild™ BV480 Rat Anti-Mouse CD5	No data available
746486	BD OptiBuild™ BV480 Rat Anti-Rat RT1A [a,b]	No data available
746487	BD OptiBuild™ BV480 Rat Anti-Mouse CD100 (Sema4D)	No data available
746488	BD OptiBuild™ BV480 Rat Anti-Human CD49f	No data available
746489	BD OptiBuild™ BV480 Mouse Anti-Human Ig, κ Light Chain	No data available
746491	BD OptiBuild™ BV480 Mouse Anti-Human CD337 (NKp30)	No data available
746492	BD OptiBuild™ BV480 Mouse Anti-Human CD148	No data available
746493	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-49H	No data available
746494	BD OptiBuild™ BV480 Mouse Anti-Rat CD314 (NKG2D)	No data available
746495	BD OptiBuild™ BV480 Rat Anti-Mouse CCRL2	No data available
746496	BD OptiBuild™ BV480 Mouse Anti-Human IREM-1 (CD300f)	No data available
746498	BD OptiBuild™ BV480 Mouse Anti-Human γδ TCR	No data available
746499	BD OptiBuild™ BV480 Rat Anti-Mouse TIM-4	No data available
746500	BD OptiBuild™ BV480 Rat Anti-Mouse IgG2b	No data available
746501	BD OptiBuild™ BV480 Rat Anti-Mouse CD195	No data available
746502	BD OptiBuild™ BV480 Mouse Anti-Human CD44	No data available



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746503	BD OptiBuild™ BV480 Mouse Anti-Human CD35	No data available
746504	BD OptiBuild™ BV480 Rat Anti-Mouse IgE	No data available
746505	BD OptiBuild™ BV480 Rat Anti-Mouse CD244.1	No data available
746507	BD OptiBuild™ BV480 Rat Anti-Mouse GITR Ligand	No data available
746508	BD OptiBuild™ BV480 Rat Anti-Mouse CD223	No data available
746510	BD OptiBuild™ BV480 Mouse Anti-Rat CD28	No data available
746511	BD OptiBuild™ BV480 Mouse Anti-Human CD134	No data available
746512	BD OptiBuild™ BV480 Mouse Anti-Human CD144	No data available
746516	BD OptiBuild™ BV480 Mouse Anti-Human CD157	No data available
746520	BD OptiBuild™ BV480 Mouse Anti-Human CLIP	No data available
746438	BD OptiBuild™ BV480 Rat Anti-Mouse CD9	No data available
746435	BD OptiBuild™ BV480 Mouse Anti-Human CD1d	No data available
746441	BD OptiBuild™ BV480 Rat Anti-Mouse CD179b	No data available
746450	BD OptiBuild™ BV480 Mouse Anti-Human CD180	No data available
746455	BD OptiBuild™ BV480 Mouse Anti-Human CD28	No data available
746457	BD OptiBuild™ BV480 Mouse Anti-Human CD19	No data available
746443	BD OptiBuild™ BV480 Mouse Anti-Human CD43	No data available
746458	BD OptiBuild™ BV480 Mouse Anti-Human CD365 (TIM-1)	No data available
746444	BD OptiBuild™ BV480 Mouse Anti-Human CD62P	No data available
746448	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-6G	No data available
746480	BD OptiBuild™ BV480 Mouse Anti-Human CD105	No data available
746513	BD OptiBuild™ BV480 Mouse Anti-Human CD41a	No data available
746515	BD OptiBuild™ BV480 Rat Anti-Mouse CD45RC	No data available
746514	BD OptiBuild™ BV480 Mouse Anti-Human CD16 (FcγRIII)	No data available
746519	BD OptiBuild™ BV480 Mouse Anti-Human CD368	No data available
746521	BD OptiBuild™ BV480 Rat Anti-Mouse CD18	No data available



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746524	BD OptiBuild™ BV480 Rat Anti-Mouse IgG2a/IgG2b	No data available
746525	BD OptiBuild™ BV480 Mouse Anti-Human CD38	No data available
746526	BD OptiBuild™ BV480 Rat Anti-Mouse CD49d	No data available
746527	BD OptiBuild™ BV480 Mouse Anti-Human NKp44 (CD336)	No data available
746528	BD OptiBuild™ BV480 Mouse Anti-Human CD13	No data available
746529	BD OptiBuild™ BV480 Mouse Anti-Human CD61	No data available
746530	BD OptiBuild™ BV480 Mouse Anti-Human CD47	No data available
746531	BD OptiBuild™ BV480 Mouse Anti-Human EGF Receptor	No data available
746532	BD OptiBuild™ BV480 Mouse Anti-Human CD26	No data available
746533	BD OptiBuild™ BV480 Mouse Anti-Human HLA-DQ	No data available
746534	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-108	No data available
746535	BD OptiBuild™ BV480 Mouse Anti-Rat CD59	No data available
746536	BD OptiBuild™ BV480 Mouse Anti-Human CD106	No data available
746537	BD OptiBuild™ BV480 Mouse Anti-Rat CD18	No data available
746538	BD OptiBuild™ BV480 Mouse Anti-Human CD2	No data available
746539	BD OptiBuild™ BV480 Rat Anti-Mouse CD278	No data available
746540	BD OptiBuild™ BV480 Mouse Anti-Human IgE	No data available
746543	BD OptiBuild™ BV480 Mouse Anti-Human CD56 (NCAM-1)	No data available
746544	BD OptiBuild™ BV480 Mouse Anti-Human TCRαβ	No data available
746545	BD OptiBuild™ BV480 Hamster Anti-Mouse CD48	No data available
746546	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-6A/E	No data available
746548	BD OptiBuild™ BV480 Mouse Anti-Human CD42a	No data available
746549	BD OptiBuild™ BV480 Mouse Anti-Human CD163	No data available
746551	BD OptiBuild™ BV480 Mouse Anti-Human CD11a	No data available
746552	BD OptiBuild™ BV480 Rat Anti-Mouse CD47	No data available
746541	BD OptiBuild™ BV480 Mouse Anti-Human CD4	No data available



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746542	BD OptiBuild™ BV480 Mouse Anti-Human CD93	No data available
746547	BD OptiBuild™ BV480 Rat Anti-Mouse CD105	No data available
746553	BD OptiBuild™ BV480 Mouse Anti-Human CD147	No data available
746554	BD OptiBuild™ BV480 Rat Anti-Mouse CD41	No data available
746555	BD OptiBuild™ BV480 Mouse Anti-Human CD172b	No data available
746556	BD OptiBuild™ BV480 Mouse Anti-Mouse Vβ 8.1, 8.2 TCR	No data available
746557	BD OptiBuild™ BV480 Mouse Anti-Mouse CD22.2	No data available
746561	BD OptiBuild™ BV480 Mouse Anti-Human Notch2	No data available
746562	BD OptiBuild™ BV480 Mouse Anti-Human RON (CD136)	No data available
746563	BD OptiBuild™ BV480 Mouse Anti-Human CD62L	No data available
746565	BD OptiBuild™ BV480 Mouse Anti-Human TREM-1 (CD354)	No data available
746567	BD OptiBuild™ BV480 Mouse Anti-Human Vδ2 TCR	No data available
746568	BD OptiBuild™ BV480 Mouse Anti-Human CD73	No data available
746570	BD OptiBuild™ BV480 Mouse Anti-Rat CD86	No data available
746572	BD OptiBuild™ BV480 Mouse Anti-Human CD11b	No data available
746573	BD OptiBuild™ BV480 Mouse Anti-Human CD158b1, b2, j	No data available
746575	BD OptiBuild™ BV480 Mouse Anti-Rat IgG2b	No data available
746576	BD OptiBuild™ BV480 Mouse Anti-Human CD49b	No data available
746577	BD OptiBuild™ BV480 Mouse Anti-Human CD4 v4	No data available
746578	BD OptiBuild™ BV480 Mouse Anti-Human CD79b	No data available
746580	BD OptiBuild™ BV480 Mouse Anti-Human CD62P	No data available
746581	BD OptiBuild™ BV480 Rat Anti-Mouse CD140a	No data available
746582	BD OptiBuild™ BV480 Mouse Anti-Human CD43	No data available
746583	BD OptiBuild™ BV480 Mouse Anti-Human EphB2	No data available
746584	BD OptiBuild™ BV480 Rat Anti-Mouse NKG2A/C/E	No data available
746585	BD OptiBuild™ BV480 Mouse Anti-Human CD195	No data available



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746587	BD OptiBuild™ BV480 Mouse Anti-Human CD33	No data available
746588	BD OptiBuild™ BV480 Rat Anti-Mouse CD88	No data available
746589	BD OptiBuild™ BV480 Mouse Anti-Human CD46	No data available
746590	BD OptiBuild™ BV480 Rat Anti-Mouse CD102	No data available
746591	BD OptiBuild™ BV480 Hamster Anti-Mouse V γ 3 TCR	No data available
746592	BD OptiBuild™ BV480 Mouse Anti-Human CD29	No data available
746593	BD OptiBuild™ BV480 Mouse Anti-Human CD140a	No data available
746566	BD OptiBuild™ BV480 Rat Anti-Mouse CD4	No data available
746569	BD OptiBuild™ BV480 Mouse Anti-Mouse β 2-Microglobulin [b,c]	No data available
746586	BD OptiBuild™ BV480 Mouse Anti-Human CD56	No data available
746594	BD OptiBuild™ BV480 Mouse Anti-Rat CD31	No data available
746595	BD OptiBuild™ BV480 Rat Anti-Mouse Integrin β 7 Chain	No data available
746596	BD OptiBuild™ BV480 Mouse Anti-Human CD72	No data available
746600	BD OptiBuild™ BV480 Mouse Anti-Rat Ig, κ Light Chain	No data available
746607	BD OptiBuild™ BV480 Mouse Anti-Human HVEM (CD270)	No data available
746597	BD OptiBuild™ BV480 Rat Anti-Mouse CD229.1	No data available
746598	BD OptiBuild™ BV480 Mouse Anti-Human IL-9 Receptor Alpha (CD129)	No data available
746606	BD OptiBuild™ BV480 Rat Anti-Mouse IL-17 Receptor B	No data available
746601	BD OptiBuild™ BV480 Rat Anti-Mouse CD146	No data available
746602	BD OptiBuild™ BV480 Mouse Anti-Rat CD32 (Fc γ RII)	No data available
746605	BD OptiBuild™ BV480 Mouse Anti-Human CD238	No data available
746604	BD OptiBuild™ BV480 Mouse Anti-Human CD141	No data available
746608	BD OptiBuild™ BV480 Mouse Anti-Human CD2	No data available
746609	BD OptiBuild™ BV480 Mouse Anti-Human LAG-3 (CD223)	No data available
746610	BD OptiBuild™ BV480 Rat Anti-Mouse CD155	No data available



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746611	BD OptiBuild™ BV480 Rat Anti-Mouse CD45RB	No data available
746612	BD OptiBuild™ BV480 Mouse Anti-Human CD36	No data available
746613	BD OptiBuild™ BV480 Mouse Anti-Human CD21	No data available
746614	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-6G and Ly-6C	No data available
746615	BD OptiBuild™ BV480 Rat Anti-Mouse Vα2 TCR	No data available
746616	BD OptiBuild™ BV480 Mouse Anti-Human CD89	No data available
746617	BD OptiBuild™ BV480 Rat Anti-Mouse Delta-Like Protein 1	No data available
746618	BD OptiBuild™ BV480 Hamster Anti-Mouse CD148	No data available
746619	BD OptiBuild™ BV480 Mouse Anti-Mouse IgG1[a]	No data available
746620	BD OptiBuild™ BV480 Mouse Anti-Human CD66c	No data available
746621	BD OptiBuild™ BV480 Mouse Anti-Human CD184 (CXCR4)	No data available
746623	BD OptiBuild™ BV480 Mouse Anti-TWEAK Receptor (CD266)	No data available
746624	BD OptiBuild™ BV480 Mouse Anti-Human CD61	No data available
746625	BD OptiBuild™ BV480 Mouse Anti-Human CD42b	No data available
746627	BD OptiBuild™ BV480 Mouse Anti-Mouse Qa-1(b)	No data available
746628	BD OptiBuild™ BV480 Mouse Anti-Human CD165	No data available
746629	BD OptiBuild™ BV480 Mouse Anti-Human CD325 (N-Cadherin)	No data available
746633	BD OptiBuild™ BV480 Rat Anti-Mouse CD43	No data available
746634	BD OptiBuild™ BV480 Mouse Anti-Human CD49a	No data available
746636	BD OptiBuild™ BV480 Mouse Anti-Human ASGPR 1	No data available
746637	BD OptiBuild™ BV480 Mouse Anti-Human CD100 (Sema4D)	No data available
746638	BD OptiBuild™ BV480 Mouse Anti-Human CD54 (ICAM-1)	No data available
746622	BD OptiBuild™ BV480 Mouse Anti-Mouse I-E[κ]	No data available
746630	BD OptiBuild™ BV480 Mouse Anti-Human Trop-2	No data available
746631	BD OptiBuild™ BV480 Rat Anti-Mouse CD4	No data available



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746632	BD OptiBuild™ BV480 Mouse Anti-Human CD137 Ligand	No data available
746635	BD OptiBuild™ BV480 Mouse Anti-Human CD13	No data available
746639	BD OptiBuild™ BV480 Mouse Anti-Human CD62E	No data available
746641	BD OptiBuild™ BV480 Mouse Anti-Human P-glycoprotein (CD243)	No data available
746642	BD OptiBuild™ BV480 Mouse Anti-Human MIC A/B	No data available
746643	BD OptiBuild™ BV480 Mouse Anti-Rat IgG1/IgG2a	No data available
746644	BD OptiBuild™ BV480 Mouse Anti-Human CD25 (IL-2 Receptor α)	No data available
746645	BD OptiBuild™ BV480 Mouse Anti-Human CD2	No data available
746646	BD OptiBuild™ BV480 Mouse Anti-Human Alkaline Phosphatase	No data available
746647	BD OptiBuild™ BV480 Mouse Anti-Human CD91	No data available
746648	BD OptiBuild™ BV480 Mouse Anti-Human CD177	No data available
746649	BD OptiBuild™ BV480 Mouse Anti-Human CD134	No data available
746650	BD OptiBuild™ BV480 Mouse Anti-Human CD273	No data available
746651	BD OptiBuild™ BV480 Hamster Anti-Mouse CD183 (CXCR3)	No data available
746652	BD OptiBuild™ BV480 Mouse Anti-Human CD49d	No data available
746658	BD OptiBuild™ BV480 Mouse Anti-Human CD58	No data available
746661	BD OptiBuild™ BV480 Mouse Anti-Human CD71	No data available
746662	BD OptiBuild™ BV480 Mouse Anti-Human CD220	No data available
746663	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-6A/E	No data available
746664	BD OptiBuild™ BV480 Rat Anti-Mouse FLK-1	No data available
746665	BD OptiBuild™ BV480 Hamster Anti-Mouse CD61	No data available
746666	BD OptiBuild™ BV480 Mouse Anti-Mouse CD45.1	No data available
746668	BD OptiBuild™ BV480 Rat Anti-Mouse Siglec-F	No data available
746669	BD OptiBuild™ BV480 Rat Anti-Mouse I-A/I-E	No data available
746671	BD OptiBuild™ BV480 Mouse Anti-Human CD4	No data available



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746672	BD OptiBuild™ BV480 Mouse Anti-Human CD92	No data available
746654	BD OptiBuild™ BV480 Mouse Anti-Rat CD71	No data available
746660	BD OptiBuild™ BV480 Mouse Anti-Human CD146	No data available
746667	BD OptiBuild™ BV480 Mouse Anti-Human TLT-2	No data available
746670	BD OptiBuild™ BV480 Mouse Anti-Rat CD6	No data available
746673	BD OptiBuild™ BV480 Mouse Anti-Human CD123	No data available
746674	BD OptiBuild™ BV480 Mouse Anti-Mouse Qa-2	No data available
746675	BD OptiBuild™ BV480 Mouse Anti-Human CD95	No data available
746676	BD OptiBuild™ BV480 Mouse Anti-Human CD131	No data available
746677	BD OptiBuild™ BV480 Mouse Anti-Human CD1c	No data available
746679	BD OptiBuild™ BV480 Mouse Anti-Human CD262 (TRAIL-R2)	No data available
746680	BD OptiBuild™ BV480 Mouse Anti-Rat CD25	No data available
746681	BD OptiBuild™ BV480 Rat Anti-Mouse IgM	No data available
746682	BD OptiBuild™ BV480 Rat Anti-Mouse CD45RA	No data available
746683	BD OptiBuild™ BV480 Mouse Anti-Human CD21	No data available
746684	BD OptiBuild™ BV480 Mouse Anti-Human CD10	No data available
746685	BD OptiBuild™ BV480 Mouse Anti-Mouse IgM[a]	No data available
746687	BD OptiBuild™ BV480 Mouse Anti-Human CD45RB	No data available
746688	BD OptiBuild™ BV480 Mouse Anti-Human CD34	No data available
746689	BD OptiBuild™ BV480 Mouse Anti-Human CD282	No data available
746691	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-49I	No data available
746692	BD OptiBuild™ BV480 Rat Anti-Mouse TIM-4	No data available
746693	BD OptiBuild™ BV480 Mouse Anti-Human CD11a	No data available
746694	BD OptiBuild™ BV480 Mouse Anti-Rat CD2	No data available
746695	BD OptiBuild™ BV480 Mouse Anti-Human Endosialin (CD248)	No data available
746696	BD OptiBuild™ BV480 Mouse Anti-Human CD26	No data available



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746699	BD OptiBuild™ BV480 Mouse Anti-Rat CD61	No data available
746700	BD OptiBuild™ BV480 Mouse Anti-Human CD137	No data available
746701	BD OptiBuild™ BV480 Rat Anti-Mouse IL-33R (ST2)	No data available
746702	BD OptiBuild™ BV480 Mouse Anti-Human CD31	No data available
746703	BD OptiBuild™ BV480 Mouse Anti-Human CD135	No data available
746705	BD OptiBuild™ BV480 Mouse Anti-Human Notch1	No data available
746707	BD OptiBuild™ BV480 Mouse Anti-Human CD156c	No data available
746708	BD OptiBuild™ BV480 Mouse Anti-Rat CD1d	No data available
746710	BD OptiBuild™ BV480 Mouse Anti-Rat CD44	No data available
746711	BD OptiBuild™ BV480 Mouse Anti-Rat CD45RA	No data available
746713	BD OptiBuild™ BV480 Mouse Anti-Human CD344	No data available
746704	BD OptiBuild™ BV480 Mouse Anti-Human CD11b	No data available
746706	BD OptiBuild™ BV480 Mouse Anti-Rat Marginal Zone B Cells	No data available
746709	BD OptiBuild™ BV480 Rat Anti-Mouse CD24	No data available
746714	BD OptiBuild™ BV480 Mouse Anti-Human CD85g (ILT7)	No data available
746715	BD OptiBuild™ BV480 Mouse Anti-Human HLA-ABC	No data available
746717	BD OptiBuild™ BV480 Mouse Anti-Human GARP	No data available
746718	BD OptiBuild™ BV480 Mouse Anti-Human CD85k	No data available
746719	BD OptiBuild™ BV480 Hamster Anti-Mouse V δ 6.3/2 TCR	No data available
746720	BD OptiBuild™ BV480 Rat Anti-Mouse MAdCAM-1	No data available
746722	BD OptiBuild™ BV480 Rat Anti-Mouse CD18	No data available
746723	BD OptiBuild™ BV480 Rat Anti-Human CX3CR1	No data available
746724	BD OptiBuild™ BV480 Hamster Anti-Mouse CD54	No data available
746725	BD OptiBuild™ BV480 Mouse Anti-Human CD109	No data available
746727	BD OptiBuild™ BV480 Rat Anti-Mouse CD161a, b, c	No data available
746729	BD OptiBuild™ BV480 Rat Anti-Mouse V β 10[b] TCR	No data available



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746731	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Kk	No data available
746732	BD OptiBuild™ BV480 Mouse Anti-Human CD277	No data available
746733	BD OptiBuild™ BV480 Mouse Anti-Human CD98	No data available
746734	BD OptiBuild™ BV480 Mouse Anti-Human Platelet GPVI	No data available
746726	BD OptiBuild™ BV480 Rat Anti-Mouse CD62L	No data available
746728	BD OptiBuild™ BV480 Mouse Anti-Human CD271	No data available
746730	BD OptiBuild™ BV480 Rat Anti-Mouse CD74	No data available
746735	BD OptiBuild™ BV480 Hamster Anti-Mouse V α 4 TCR	No data available
746737	BD OptiBuild™ BV480 Mouse Anti-Human CD94	No data available
746738	BD OptiBuild™ BV480 Mouse Anti-Mouse I-A[p]	No data available
746740	BD OptiBuild™ BV480 Mouse Anti-Human TSLP Receptor	No data available
746741	BD OptiBuild™ BV480 Rat Anti-Human Lgr5	No data available
746742	BD OptiBuild™ BV480 Hamster Anti-Mouse CD27	No data available
746743	BD OptiBuild™ BV480 Rat Anti-Mouse CD370 (Clec9A)	No data available
746744	BD OptiBuild™ BV480 Mouse Anti-Human CD49c	No data available
746745	BD OptiBuild™ BV480 Rat Anti-Mouse CD357 (GITR)	No data available
746747	BD OptiBuild™ BV480 Mouse Anti-Human CD18	No data available
746748	BD OptiBuild™ BV480 Rat Anti-Mouse Ig, λ 1, λ 2 & λ 3 Light Chain	No data available
746749	BD OptiBuild™ BV480 Rat Anti-Mouse CD162	No data available
746750	BD OptiBuild™ BV480 Rat Anti-Mouse TER-119/Erythroid Cells	No data available
746752	BD OptiBuild™ BV480 Rat Anti-Mouse Ig, κ light chain	No data available
746753	BD OptiBuild™ BV480 Mouse Anti-Human CD116	No data available
746754	BD OptiBuild™ BV480 Mouse Anti-Rat CD134	No data available
746755	BD OptiBuild™ BV480 Hamster Anti-Mouse CD95 (Fas)	No data available
746756	BD OptiBuild™ BV480 Rat Anti-Mouse CD273	No data available



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746757	BD OptiBuild™ BV480 Mouse Anti-Human Light Chain, λ	No data available
746758	BD OptiBuild™ BV480 Mouse Anti-Rat CD11b/c	No data available
746759	BD OptiBuild™ BV480 Mouse Anti-Human CD272 (BTLA)	No data available
746760	BD OptiBuild™ BV480 Mouse Anti-Human P-glycoprotein (CD243)	No data available
746761	BD OptiBuild™ BV480 Rat Anti-Mouse IgG2a	No data available
746762	BD OptiBuild™ BV480 Rat Anti-Mouse Crry/p65	No data available
746764	BD OptiBuild™ BV480 Mouse Anti-Mouse IgM[b]	No data available
746765	BD OptiBuild™ BV480 Mouse Anti-Human CD64	No data available
746766	BD OptiBuild™ BV480 Mouse Anti-Human PI-16	No data available
746767	BD OptiBuild™ BV480 Rat Anti-Mouse CD98	No data available
746769	BD OptiBuild™ BV480 Mouse Anti-Mouse V β 13 TCR	No data available
746770	BD OptiBuild™ BV480 Mouse Anti-Rat CD49d	No data available
746771	BD OptiBuild™ BV480 Mouse Anti-Human TIM-3 (CD366)	No data available
746772	BD OptiBuild™ BV480 Mouse Anti-Human CD102	No data available
746773	BD OptiBuild™ BV480 Mouse Anti-Mouse CD72 a, b, and d Alloantigens	No data available
746774	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Kb	No data available
746775	BD OptiBuild™ BV480 Hamster Anti-Mouse CD80 (B7-1)	No data available
746776	BD OptiBuild™ BV480 Hamster Anti-Mouse CD3	No data available
746778	BD OptiBuild™ BV480 Rat Anti-Mouse CD86	No data available
746779	BD OptiBuild™ BV480 Mouse Anti-Human CD266	No data available
746781	BD OptiBuild™ BV480 Rat Anti-Mouse CD184	No data available
746782	BD OptiBuild™ BV480 Rat Anti-Mouse CD11a	No data available
746783	BD OptiBuild™ BV480 Rat Anti-Mouse CD122	No data available
746784	BD OptiBuild™ BV480 Hamster Anti-Mouse CD279 (PD-1)	No data available
746785	BD OptiBuild™ BV480 Mouse Anti-Human CD338	No data available



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746789	BD OptiBuild™ BV480 Mouse Anti-Human MUC1 (CD227)	No data available
746790	BD OptiBuild™ BV480 Mouse Anti-Human CD11a	No data available
746791	BD OptiBuild™ BV480 Mouse Anti-Human CD142	No data available
746792	BD OptiBuild™ BV480 Rat Anti-Integrin β7	No data available
746799	BD OptiBuild™ BV480 Mouse Anti-Human CD45RA	No data available
746787	BD OptiBuild™ BV480 Rat Anti-Mouse CD268 (BAFF-R)	No data available
746793	BD OptiBuild™ BV480 Mouse Anti-Human c-Met	No data available
746794	BD OptiBuild™ BV480 Rat Anti-Mouse Ly-49G2	No data available
746795	BD OptiBuild™ BV480 Rat Anti-Human Lgr5	No data available
746798	BD OptiBuild™ BV480 Mouse Anti-Human CD181	No data available
746788	BD OptiBuild™ BV480 Mouse Anti-Human TCR Vα24-Jα18 (iNKT cell)	No data available
746797	BD OptiBuild™ BV480 Hamster Anti-Mouse TCR Vβ3	No data available
746800	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-49C and Ly49I	No data available
746801	BD OptiBuild™ BV480 Mouse Anti-Human Vγ9 TCR	No data available
746802	BD OptiBuild™ BV480 Mouse Anti-Human CD249	No data available
746803	BD OptiBuild™ BV480 Mouse Anti-Mouse Siglec-G	No data available
746804	BD OptiBuild™ BV480 Mouse Anti-Human CD22	No data available
746805	BD OptiBuild™ BV480 Mouse Anti-Human CD18	No data available
746806	BD OptiBuild™ BV480 Mouse Anti-Armenian and Syrian Hamster IgG	No data available
746807	BD OptiBuild™ BV480 Mouse Anti-Human LAIR-1 (CD305)	No data available
746808	BD OptiBuild™ BV480 Mouse Anti-Human CD195	No data available
746809	BD OptiBuild™ BV480 Mouse Anti-Human CD23	No data available
746810	BD OptiBuild™ BV480 Mouse Anti-Human CD32 (FcγRII)	No data available
746811	BD OptiBuild™ BV480 Rat Anti-Mouse IgG1	No data available
746813	BD OptiBuild™ BV480 Hamster Anti-Mouse CD69	No data available



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746814	BD OptiBuild™ BV480 Mouse Anti-Human CD108	No data available
746816	BD OptiBuild™ BV480 Mouse Anti-Rat CD8b	No data available
746817	BD OptiBuild™ BV480 Mouse Anti-Human CD151	No data available
746819	BD OptiBuild™ BV480 Mouse Anti-Human Nectin-1 (CD111)	No data available
746820	BD OptiBuild™ BV480 Mouse Anti-Rat CD5	No data available
746821	BD OptiBuild™ BV480 Rat Anti-Mouse Pre-B Cell Receptor	No data available
746822	BD OptiBuild™ BV480 Mouse Anti-Mouse Ly-51	No data available
746823	BD OptiBuild™ BV480 Mouse Anti-Rat γδ T-Cell Receptor	No data available
746824	BD OptiBuild™ BV480 Mouse Anti-Human CD371 (Clec12A)	No data available
746825	BD OptiBuild™ BV480 Hamster Anti-Mouse CD154 (CD40 Ligand)	No data available
746826	BD OptiBuild™ BV480 Mouse Anti-Rat CD161a	No data available
746827	BD OptiBuild™ BV480 Rat Anti-Mouse Vβ 6 T-Cell Receptor	No data available
746828	BD OptiBuild™ BV480 Mouse Anti-Human CD229	No data available
746829	BD OptiBuild™ BV480 Rat Anti-Mouse CD18	No data available
746830	BD OptiBuild™ BV480 Mouse Anti-Human CD205	No data available
746832	BD OptiBuild™ BV480 Mouse Anti-Rat CD8	No data available
746833	BD OptiBuild™ BV480 Mouse Anti-Human CD321 (JAM-1)	No data available
746834	BD OptiBuild™ BV480 Mouse Anti-Human CD59	No data available
746835	BD OptiBuild™ BV480 Rat Anti-Mouse CD8b	No data available
746836	BD OptiBuild™ BV480 Rat Anti-Human CD132	No data available
746837	BD OptiBuild™ BV480 Mouse Anti-Human CD6	No data available
746838	BD OptiBuild™ BV480 Rat Anti-Mouse CD83	No data available
746840	BD OptiBuild™ BV480 Rat Anti-Mouse CD90.2	No data available
746841	BD OptiBuild™ BV480 Mouse Anti-Human CD158b	No data available
746842	BD OptiBuild™ BV480 Rat Anti-Mouse CD8b.2	No data available



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746844	BD OptiBuild™ BV480 Mouse Anti-Human CD117 (c-Kit)	No data available
746847	BD OptiBuild™ BV480 Mouse Anti-Human CD10	No data available
746848	BD OptiBuild™ BV480 Mouse Anti-Human CD117	No data available
747562	BD OptiBuild™ BV480 Mouse Anti-Human CD133	No data available
747519	BD OptiBuild™ BV480 Mouse Anti-Human CD69	No data available
747523	BD OptiBuild™ BV480 Mouse Anti-Human CD86	No data available
747532	BD OptiBuild™ BV480 Rat Anti-Mouse CD6	No data available
747542	BD OptiBuild™ BV480 Mouse Anti-Human CD101	No data available
747590	BD OptiBuild™ BV480 Mouse Anti-Human HLA-C	No data available
747552	BD OptiBuild™ BV480 Mouse Anti-Human CD307d (FCRL4)	No data available
747571	BD OptiBuild™ BV480 Mouse Anti-Human CCR8 (CD198)	No data available
747580	BD OptiBuild™ BV480 Rat Anti-Mouse TIM-2	No data available
747600	BD OptiBuild™ BV480 Rat Anti-Mouse CD317 (BST2)	No data available
747609	BD OptiBuild™ BV480 Mouse Anti-Human CD340 (HER-2)	No data available
747618	BD OptiBuild™ BV480 Mouse Anti-Mouse CD366 (TIM-3)	No data available
747628	BD OptiBuild™ BV480 Mouse Anti-Human Podoplanin	No data available
747637	BD OptiBuild™ BV480 Mouse Anti-Human CD133	No data available
747648	BD OptiBuild™ BV480 Mouse Anti-Human MUC1 (CD227)	No data available
747658	BD OptiBuild™ BV480 Mouse Anti-Human GTR (CD357)	No data available
747676	BD OptiBuild™ BV480 Mouse Anti-Human SIRP γ (CD172g)	No data available
747686	BD OptiBuild™ BV480 Mouse Anti-Human CD307a (FCRL1)	No data available
747830	BD OptiBuild™ BV480 Rat Anti-Mouse CD196 (CCR6)	No data available
747808	BD OptiBuild™ BV480 Rat Anti-Mouse CD182 (CXCR2)	No data available
747817	BD OptiBuild™ BV480 Rat Anti-Mouse CD193 (CCR3)	No data available
747823	BD OptiBuild™ BV480 Rat Anti-Mouse CD209a	No data available



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747667	BD OptiBuild™ BV480 Rat Anti-Mouse Siglec-H	No data available
747769	BD OptiBuild™ BV480 Mouse Anti-Human HLA-A3	No data available
747779	BD OptiBuild™ BV480 Mouse Anti-Human FcεR1α	No data available
747799	BD OptiBuild™ BV480 Mouse Anti-Human CCRL1	No data available
747991	BD OptiBuild™ BV480 Mouse Anti-Human TCR Vβ3	No data available
747874	BD OptiBuild™ BV480 Mouse Anti-Human Siglec-8	No data available
747843	BD OptiBuild™ BV480 Mouse Anti-Human TIGIT	No data available
747852	BD OptiBuild™ BV480 Mouse Anti-Human CCR2 (CD192)	No data available
747863	BD OptiBuild™ BV480 Mouse Anti-Human Axl	No data available
747923	BD OptiBuild™ BV480 Mouse Anti-Human NKG2A (CD159a)	No data available
747981	BD OptiBuild™ BV480 Mouse Anti-Human TCR Cβ1	No data available
747887	BD OptiBuild™ BV480 Mouse Anti-Human HLA-B7	No data available
747934	BD OptiBuild™ BV480 Rat Anti-Mouse CD97 v2	No data available
747896	BD OptiBuild™ BV480 Rat Anti-Mouse Mer	No data available
747906	BD OptiBuild™ BV480 Rat Anti-Mouse CD354 (TREM-1)	No data available
747914	BD OptiBuild™ BV480 Mouse Anti-Human Siglec-6 (CD327)	No data available
747951	BD OptiBuild™ BV480 Rat Anti-Mouse CD16/CD32	No data available
747943	BD OptiBuild™ BV480 Mouse Anti-Human CD217 (IL-17RA)	No data available
747971	BD OptiBuild™ BV480 Rat Anti-Mouse CD192 (CCR2)	No data available
748006	BD OptiBuild™ BV480 Mouse Anti-Human BDCA-2 (CD303)	No data available
748015	BD OptiBuild™ BV480 Mouse Anti-Human BCAM (CD239)	No data available
748018	BD OptiBuild™ BV480 Mouse Anti-Human CD334	No data available
748037	BD OptiBuild™ BV480 Rat Anti-Mouse TSPAN8	No data available
748053	BD OptiBuild™ BV480 Mouse Anti-Human ICAM-4 (CD242)	No data available
748029	BD OptiBuild™ BV480 Rat Anti-Mouse Axl	No data available



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748110	BD OptiBuild™ BV480 Rat Anti-Mouse CD151	No data available
748069	BD OptiBuild™ BV480 Rat Anti-Mouse CD300a (LMIR1)	No data available
748081	BD OptiBuild™ BV480 Rat Anti-Mouse Rae-1	No data available
748084	BD OptiBuild™ BV480 Rat Anti-Mouse CD204 (SR-AI, MSR1)	No data available
748095	BD OptiBuild™ BV480 Rat Anti-Mouse CD56 (NCAM-1)	No data available
748145	BD OptiBuild™ BV480 Mouse Anti-Human EphA2	No data available
748223	BD OptiBuild™ BV480 Rat Anti-Human TSPAN8	No data available
748138	BD OptiBuild™ BV480 Mouse Anti-Human CLEC-2 (CLEC1B)	No data available
748155	BD OptiBuild™ BV480 Rat Anti-Mouse Siglec-E	No data available
748122	BD OptiBuild™ BV480 Rat Anti-Human TREML1 (TLT-1)	No data available
748129	BD OptiBuild™ BV480 Mouse Anti-Human ULBP-2/5/6	No data available
748168	BD OptiBuild™ BV480 Mouse Anti-Human CD159c (NKG2C)	No data available
748200	BD OptiBuild™ BV480 Rat Anti-Human Claudin-1	No data available
748209	BD OptiBuild™ BV480 Mouse Anti-Human CLEC-2A	No data available
748232	BD OptiBuild™ BV480 Rat Anti-Mouse CD155	No data available
748269	BD OptiBuild™ BV480 Mouse Anti-Human CD11c	No data available
748271	BD OptiBuild™ BV480 Mouse Anti-Human PVR (CD155)	No data available
748244	BD OptiBuild™ BV480 Mouse Anti-Mouse CD229	No data available
748252	BD OptiBuild™ BV480 Hamster Anti-Mouse CD103	No data available
748260	BD OptiBuild™ BV480 Rat Anti-Mouse CD144	No data available
748279	BD OptiBuild™ BV480 Mouse Anti-Human CD161	No data available
749637	BD OptiBuild™ BV480 Mouse Anti-Human VISTA	No data available
749493	BD OptiBuild™ BV480 Mouse Anti-Human TCR Vα7.2	No data available
749506	BD OptiBuild™ BV480 Rat Anti-Mouse CR1g	No data available
749519	BD OptiBuild™ BV480 Mouse Anti-Human SUSD2	No data available



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749576	BD OptiBuild™ BV480 Rat Anti-Mouse CD84	No data available
749607	BD OptiBuild™ BV480 Mouse Anti-Human FCRL5 (CD307e)	No data available
749766	BD OptiBuild™ BV480 Mouse Anti-Human MICA	No data available
749782	BD OptiBuild™ BV480 Rat Anti-Mouse CD369 (Clec7a)	No data available
749729	BD OptiBuild™ BV480 Mouse Anti-Human CD298	No data available
749744	BD OptiBuild™ BV480 Mouse Anti-Human EGF Receptor	No data available
749757	BD OptiBuild™ BV480 Rat Anti-Mouse CD355 (CRTAM)	No data available
749714	BD OptiBuild™ BV480 Mouse Anti-Human Podoplanin	No data available
749698	BD OptiBuild™ BV480 Rat Anti-Mouse H-2 Class I	No data available
749797	BD OptiBuild™ BV480 Mouse Anti-Human JAML (AMICA)	No data available
749848	BD OptiBuild™ BV480 Mouse Anti-Human CD164	No data available
750811	BD OptiBuild™ BV480 Rat Anti-Mouse CD123	No data available
750831	BD OptiBuild™ BV480 Mouse Anti-Human CD319 (CRACC)	No data available
750094	BD OptiBuild™ BV480 Mouse Anti-Human CD55	No data available
750328	BD OptiBuild™ BV480 Mouse Anti-Mouse H-2Kk	No data available
750539	BD OptiBuild™ BV480 Mouse Anti-Human CD171	No data available
750600	BD OptiBuild™ BV480 Mouse Anti-Human CD150	No data available
750781	BD OptiBuild™ BV480 Mouse Anti-Mouse DO-11.10 Clonotypic TCR	No data available
750796	BD OptiBuild™ BV480 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



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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.



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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.
Hazards:	No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	No data available.
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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.
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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.
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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



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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.
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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 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
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
	General population	Inhalation	Local, long-term 3.13 mg/m ³	irritation respiratory tract
Dimethyl sulfoxide	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 Chloride (NaCl)	General population	Inhalation	Systemic, long-term 443.28 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term 2068.62 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, short-term 2068.62 mg/m ³	Repeated dose toxicity

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	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
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 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	
Dimethyl sulfoxide	Aquatic (freshwater)	0.35 µg/l	
	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	
Sodium Chloride (NaCl)	Aquatic (freshwater)	5 mg/l	
	Sewage treatment plant	500 mg/l	
	Soil	4.86 mg/kg	Soil

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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)

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.

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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: 5.90 - 6.10

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.

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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.



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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.

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

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.

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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.
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.

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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 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 hydroxide (Na(OH))	1310-73-2	3
Sodium azide (Na(N3))	26628-22-8	3

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

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International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

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

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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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