

The products listed below are those for which additive reviews have previously been conducted. A completed review does not indicate that the product was approved at that time or should be approved in the future, only that a secondary value or allowable useage rate for the protection of aquatic life was calculated.

The allowble useage rates provided in the table below are for stormwater uses only, are based on toxicity alone, and do not indicate product effectiveness. If you are interested in receiving approval to use one of these products in a wastewater applicaiton, contact your permit drafter.

If new toxicity data becomes available, the secondary value may be recalculated.

This list is current as of August 2023

Product Trade Name	Product Manufacturer	Year	Allowable Rates for Stormwater Uses Only		
			Allowable Usage Rate (mg/L)		Allowable Application Rate (lbs/acre-ft)
			Acute	Chronic	
Luecophor AFCN	Achroma	2020	40.37	2.24	
AWC A-120	American Water Chemicals, Inc.	2019	80	4.44	
703d Flocc Logs	Applied Polymer Systems, Inc.	2023	29.46	2.59	39.773
705 Silt Stop	Applied Polymer Systems, Inc.	2021	32.31	1.79	32.308
712 Silt Stop	Applied Polymer Systems, Inc.	2021	124.38	6.67	124.385
730b Flocc Logs	Applied Polymer Systems, Inc.	2023	32.31	1.89	22.436
Floc Log 703d #3 / 806	Applied Polymer Systems, Inc.	2018	51.8	2.88	69.9
Floc Log 706b	Applied Polymer Systems, Inc.	2021	32.31		43.615
AquabaCxt	Aquafix	2020	40.77	2.26	
BugJuice	Aquafix	2020	44.14	2.45	
PlantPRO Ammonia Control	Aquafix	2022	2132.92	118.5	
Cartasol Yellow 3GF	Archroma	2020	544.84	30.27	
Cartasol Yellow 6GFN	Archroma	2020	678.77	37.71	
Leucophor AFCN	Archroma	2020	40.37	2.24	
Impact 3225	Aurora Specialty Chemistries	2021	0.975	0.05	
VITEC 3000	Avista	2019	76.92	4.27	
HyperFloc 671	Axchem	2019	4.57	0.254	
Redux 300B	Azure Water Services	2021	83	4.61	
Redux 602	Azure Water Services	2021	7.66	0.426	
SurfSweep CLW3060 Pipeline Cleaner	Baker Hughes	2021	4.11	0.457	
NoPhos	BioChem	2020	76.92	4.27	
Midnight Blue SS	Brandt Consolidated, Inc.	2020	502.16	27.9	
Bubreak 4452	Buckman Laboratories Inc.	2020	4.15	0.231	
Bufloc 5132	Buckman Laboratories Inc.	2020	0.457	0.0254	
Bufloc 594	Buckman Laboratories Inc.	2020	0.0457	0.0025	
BULAB 4253	Buckman Laboratories Inc.	2018	78.13	4.34	
BULAB 5393	Buckman Laboratories Inc.	2018	3.23	0.179	
Bulab 7016	Buckman Laboratories Inc.	2021	28.31	1.57	
BULAB 9538M	Buckman Laboratories Inc.	2019	121.92	6.77	
BULAB 9605	Buckman Laboratories Inc.	2019	1.9	0.105	
BULAB 9708	Buckman Laboratories Inc.	2019	2.27	0.126	
Busan 1059 WS	Buckman Laboratories Inc.	2020	0.0123	0.0007	
Busan 94	Buckman Laboratories Inc.	2020	0.0662	0.0037	
Busperse 2019	Buckman Laboratories Inc.	2020	8.41	0.467	
Busperse 2036	Buckman Laboratories Inc.	2020	9.62	0.534	
Busperse 2145	Buckman Laboratories Inc.	2020	0.055	0.0003	
Busperse 275	Buckman Laboratories Inc.	2019	7.67	0.426	
Kymene 1500LV	Buckman Laboratories Inc.	2020	24.33	1.35	
FLOCON 260	BWA Water Additives	2016	53.46	2.97	
FlocREADY D606	ChemREADY	2023	13.85	0.769	18.692
BL 1253	ChemTreat, Inc.	2019	59.15		
BL 1342	ChemTreat, Inc.	2019	108.77	6.04	
BL 1544	ChemTreat, Inc.	2017	9.56	0.531	
BL 1795	ChemTreat, Inc.	2019	769.23	42.74	
BL152	ChemTreat, Inc.	2019	5.85	0.325	
BL197	ChemTreat, Inc.	2019	76.92	4.27	
BL4350	ChemTreat, Inc.	2023	131.38	7.3	
CL 16	ChemTreat, Inc.	2019	125	6.94	
CL41	ChemTreat, Inc.	2019	588.46	32.69	
CL4354	ChemTreat, Inc.	2019	68.05	3.78	
CL456	ChemTreat, Inc.	2015	0.685	0.038	
CL4657	ChemTreat, Inc.	2022	227.56	12.64	
CL4704	ChemTreat, Inc.	2020	137.38	18.81	
CL4800	ChemTreat, Inc.	2022	92.85	5.16	
CL5432	ChemTreat, Inc.	2019	68.62	3.81	
CL5638	ChemTreat, Inc.	2014	68.08	3.78	
CL5684 (FlexPro Plus)	ChemTreat, Inc.	2019	358.85	30.96	
CL5688	ChemTreat, Inc.	2023	214.15	34.19	
CL5695	ChemTreat, Inc.	2019	50.88	2.83	
CL5788 (FlexPro Plus)	ChemTreat, Inc.	2022	2.55	0.141	
CL6034	ChemTreat, Inc.	2019	137.92	7.66	
DT9056	ChemTreat, Inc.	2016			534.2
FB1633	ChemTreat, Inc.	2019	202	11.22	
FO140	ChemTreat, Inc.	2019	98.15	5.45	
GL300	ChemTreat, Inc.	2017	6.91	0.384	
M920	ChemTreat, Inc.	2016	7.69	0.427	10.4

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M925	ChemTreat, Inc.	2016	55.6	3.09	75.1
M940	ChemTreat, Inc.	2018	0.01	0.001	0.014
ML1162	ChemTreat, Inc.	2016	254.23	14.12	343.2
P8007L	ChemTreat, Inc.	2019	10.62	0.59	
P812 A	ChemTreat, Inc.	2015	11.95	0.66	16.1
P812 GL	ChemTreat, Inc.	2018	110.46	6.14	149.1
P817E	ChemTreat, Inc.	2019	0.04	0.002	
P8200L	ChemTreat, Inc.	2020	1.26	0.04	
P822 L	ChemTreat, Inc.	2018	0.01	0.001	0.015
P824 L	ChemTreat, Inc.	2015	0.03	0.002	0.04
P831E	ChemTreat, Inc.	2020	7.69	0.427	
P873 L	ChemTreat, Inc.	2018	0.04	0.002	0.05
P874 L	ChemTreat, Inc.	2018	0.004	0.00021	0.005
P880 L	ChemTreat, Inc.	2018	0.04	0.002	0.048
P891L	ChemTreat, Inc.	2020	255.23	3.97	
P894 L	ChemTreat, Inc.	2015	0.158	0.01	0.2
RL124	ChemTreat, Inc.	2022	35.31	1.96	
RL9002	ChemTreat, Inc.	2019	68	3.78	
RL9904	ChemTreat, Inc.	2019	75.54	4.2	
SurfClean CL4515	ChemTreat, Inc.	2022	5.65	0.314	
CW 5	Clearwater Industries	2020	7.69	0.427	10.385
CW24CT	Clearwater Industries	2018	1.15	0.272	
CW46	Clearwater Industries	2019	0.769	0.04	
CW93V	Clearwater Industries	2018	0.238	0.124	
VpCI-309 SF	Cortec Corporation	2020	8.49	0.472	
Propylene glycol	Dow Chemical Company	2020	1410.77	280.17	
Ultrafiltration Element Preservative	Dow Chemical Company	2015	2.462	0.137	
Foam-A-Tac 435	Enterprise Specialty Products	2019	27.85	1.55	
Fife FX-01	Fife Water Services, Inc.	2021	1.54	0.09	
B-250	Fremont Industries, Inc.	2019	21.68	1.2	
BWT 4381	Fremont Industries, Inc.	2019	232.69	12.93	
BWT 4393	Fremont Industries, Inc.	2017	126.04	7	
OXY 4503	Fremont Industries, Inc.	2019	257.78	14.32	
OXY 4507	Fremont Industries, Inc.	2017	54.39	3.02	73.43
RLT 4792	Fremont Industries, Inc.	2019	48.18	2.68	
BIOMATE MBC2881	GE Betz	2015	0.413	0.02	
Continuum AEC3138	GE Betz	2019	34.62	8.16	
Flogard MS6222	GE Betz	2015	265.38	14.74	
Flogard MS6242	GE Betz	2017	11	0.611	
Flogard POT6100	GE Betz	2021	50.77	2.82	
Gengard GN8142	GE Betz	2015	35.13	1.95	
Hypersperse MDC775	GE Betz	2017	307.75	17.1	
Klaraid IC1172	GE Betz	2020	48.75	0.356	
Polyfloc AE1702	GE Betz	2017	0.9	0.05	
Spectrus OX1201	GE Betz	2015	125	6.94	
Steamate NF770	GE Betz	2019	0.254	0.01	
CORTROL IS1050	GE Betz (mfr by Suez WTS in 2021)	2015	4.46	0.248	
AquaHawk 15047	Hawkins	2023	22.02	1.22	
AquaHawk 3507	Hawkins	2019	59.72	3.32	16.9
Hyperfloc AE 853 G	Hychem	2023	0.128	0.01	0.172
Hyperfloc AF 206	Hychem	2023	0.281	0.02	0.379
Hyperfloc AF 304	Hychem	2023	0.43	0.02	0.581
Hyperfloc AF 307	Hychem	2023	55.02	3.06	38.21
Hyperfloc CD 650	Hychem	2023	0.003	0.0002	0.004
Hyperfloc CP 626	Hychem	2023	0.02	0.001	0.028
Hyperfloc CP 737	Hychem	2023	0.02	0.001	0.021
Hyperfloc CP 738	Hychem	2023	0.02	0.001	0.02
Biosan 1510	Hydrite Chemical Co.	2019	0.221	0.01	
Hydrifloc 5225	Hydrite Chemical Co.	2015			9.615
Hydroxysan Plus #490	Hydrite Chemical Co.	2022	0.728	0.04	
Suppressor 3432	Hydrite Chemical Co.	2015	41.2	2.29	
NeutraQuat	Hydro Solutions Inc.	2021	20.15	1.12	
Filmkote 54	Ingredion	2020	3029.59	168.31	
FLOC 06	Innovative Turf Solutions LLC	2023	1461.54	81.2	1973.077
JDS 712 (a.k.a. TransClear)	JDS Chemicals	2020	63.82	3.55	
JDS 714	JDS Chemicals	2020	0.846	0.05	
Hydraprint	KaMin	2020	2927.76	162.65	
Fennsoil 615	Kemira	2020	1836.89	102.05	
Super Flocc C-591	Kemira	2016			0.616
Keyacid Rhodamine WT Liquid	Keystone, Inc.	2017	64.92	3.61	
Oxigon 103	Kurita America	2022	61.54	3.42	
PhosZero 1400	Kurita America	2022	232.5	12.92	
RLT 4711	Kurita America	2022	0.05	0.003	
LWR 17	Livestock Water Recycling	2016	0.369	0.02	0.498
LWR 9	Livestock Water Recycling	2017	0.07	0.004	0.047
Mexel 432/0	Mexel Asia Ltd.	2023	0.043	0.002	
Sorb-X	MolyCorp	2016	3.88	0.216	

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3D TRASAR 3DT120	NALCO	2016	103	5.72	
3D TRASAR 3DT138	NALCO	2016	150	8.33	
3D Trasar 3DT178	NALCO	2022	144.23	8.01	
3D Trasar 3DT184	NALCO	2021	442	60.88	
ACTI-BROM 1318	NALCO	2016	384.62	21.37	
CAT FLOC 8102 Plus	NALCO	2020	0.06	0.003	
CAT FLOC 8108 Plus	NALCO	2021	0.1	0.01	
NALCLEAR 7776 PLUS	NALCO	2016	0.132	0.01	
Nalco 1221 (Boiler Lizard)	NALCO	2023	11.46	0.637	
NALCO 1720	NALCO	2016	29.38	1.63	
Nalco 1722	NALCO	2019	234.38	13.02	
NALCO 22305	NALCO	2016	371.63	20.65	
NALCO 2513	NALCO	2017	306.69	17.04	
Nalco 3DT133	NALCO	2020	98.23	5.46	
NALCO 3DT177	NALCO	2016	412.38	22.91	
Nalco 3DT325	NALCO	2020	0.14	0.01	
Nalco 3DT337	NALCO	2020	117.61	6.53	
NALCO 60620	NALCO	2023	42.25	8.58	
NALCO 71D5 PLUS	NALCO	2016	13.01	0.723	
NALCO 7399	NALCO	2020	62.5	3.47	
Nalco 7507 Plus	NALCO	2021	30	1.67	
NALCO 77352NA	NALCO	2016	1.25	0.07	
Nalco 9913	NALCO	2021	0.06	0.003	
Nalcolyte 8105	NALCO	2021	12.1	0.003	
Nalcon 7648	NALCO	2021	10.8	0.006	
Nalprep IV	NALCO	2021	174.23	9.68	
NALSPERSE 73550	NALCO	2016	2.38	0.132	
NexGuard 22310	NALCO	2019	184.13	10.23	
PermaTreat PC-1611T	NALCO	2019	150	8.33	
TRI-ACT 1820	NALCO	2016	14.38	0.799	
MD Pellets	Naturalake Biosciences	2018	8.6	0.478	
MuckBiotics	Naturalake Biosciences	2023	34	1.89	
Neo WaterFX	Neo Chemicals & Oxides, LLC	2023	1.3	0.07	
Clippers SC Aquatic Herbicide	NuFarm Americas	2019	9.42	0.523	
ODYVAP VA30	Odyssee Environnement	2018	0.222	0.01	
ODYVAP VI25	Odyssee Environnement	2018	0.205	0.01	
Parafree 200E	Paradigm Chemical & Consulting, LLC	2019	6.85	0.381	
Parafree 270	Paradigm Chemical & Consulting, LLC	2019	6.85	0.381	
Parasize 220A	Paradigm Chemical & Consulting, LLC	2019	3.97	0.221	
Parastrength 555	Paradigm Chemical & Consulting, LLC	2019	11.54	0.641	
Parastrength 631	Paradigm Chemical & Consulting, LLC	2019	6.85	0.381	
Phoslock	Phoslock Water Solutions Ltd.	2016	334.6	18.59	
SpectraGuard 100	Professional Water Technologies (PWT)	2020	329.23	18.29	
SpectraGuard/BioGuard 111 Blend	Professional Water Technologies (PWT)	2019	57.15	3.18	
Flexterra HP-FGM	Profile Products	2022			3500 lbs/acre
Hydro Blanket BFM	Profile Products	2022			3500 lbs/acre
ProMatrix EFM	Profile Products	2022			3500 lbs/acre
Seed Aide Aero	Profile Products	2021			2250 lbs/acre
Micronox On16	PROMINDSA (Productos Minerales para la Industria)	2022	2605.39	144.74	
Boilerguard 860	Pur-Chem	2023	57.69	3.21	
EutroSORB	SePRO Corporation	2021	7.69	4.27	
EutroSORB WC (liquid formulation)	SePRO Corporation	2022	2.05	0.114	
Uranine Dye	Sigma-Aldrich	2018	25.92	1.44	
DWT 665-P (a.k.a. FLOPAM AN 934 SH)	SNF Holding Co.	2019	7.69		10.385
S1100W	Soilnet	2016			4.47
TriPam	Soilnet	2018	94.62	5.26	
Advantage NR 1038	Solenis	2019	76.92	4.27	
Praestol 611 BC	Stockhausen GmbH & Co. KG	2019	0.457	0.03	
Praestol K133L	Stockhausen GmbH & Co. KG	2019	0.769	0.04	
AZ8104	Suez WTS	2020	1.93	0.107	
Corrshield MD4100	Suez WTS	2020	210	11.67	
DG20338	Suez WTS	2016	182.65	10.15	
Dustreat DC9142	Suez WTS	2021	2.15	0.12	2.908
E.C.O. Film EF2605 (aka DE20401)	Suez WTS	2022	625	34.72	
E.C.O. Film PE 2505	Suez WTS	2020	9.69	0.538	
Foamtrol AF2290	Suez WTS	2022	15.11	0.84	
Hypersperse MDC120	Suez WTS	2019	86.92	4.83	
Hypersperse MDC700	Suez WTS	2019	228.31	12.68	
Hypersperse MDC714	Suez WTS	2020	170.75	9.49	
Klaraid IC1172	Suez WTS	2021	48.75	0.356	
PolyFloc CD 1436	Suez WTS	2021	0.159	0.01	
Solus AP26	Suez WTS	2021	1250	69.44	
Spectrus BD1500	Suez WTS	2021	136.99	7.61	
Spectrus NX106	Suez WTS	2020	0.363	0.05	
Spectrus NX1100	Suez WTS	2019	0.388	0.02	
Spectrus NX1105	Suez WTS	2019	1.63	0.09	

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STEAMATE NA1324	Suez WTS	2022	9.23	0.513	
Steamate PAP7010	Suez WTS	2022	0.313	0.114	
Cortrol IS1050	Suez WTS (mfr by GE Betz in 2015)	2021	4.46	0.248	
Sumachlor 50	Summit Chemical Specialty Products	2017	18.13	1.01	
Diquat	Syngenta	2022	0.08*	0.004*	
EarthGuard	Terra Novo	2015			3000
CAPTOR	Tessenderlo Kerley	2020	272	15.11	
Tidal Clear 1 Percent	Tidal Vision	2022	11.96	0.665	16.151
Tidal Clear Hybrid	Tidal Vision	2022	2.72	0.151	3.668
Pro Shield 661	TTX	2020	76.92	4.27	
Biotrol 536	U.S. Water Services	2019	0.192	0.01	
BWT 104	U.S. Water Services	2020	33.25	1.85	
PhosZero 1400	U.S. Water Services	2019	232.5	12.92	
PhosZero 1450	U.S. Water Services	2020	196.25	40.64	
PhosZero 1500	U.S. Water Services	2019	161.54	50.25	
RO 503	U.S. Water Services	2019	381	21.17	
RO 514	U.S. Water Services	2020	136.25	7.57	
RO 515	U.S. Water Services	2017	269.23	14.96	
Stazole 1000	U.S. Water Services	2019	14	0.778	
Poseidon Pellets & Activated Alumina	Water Warriors	2021	54.52	3.03	73.603
Poseidon Wastewater Pellets	Water Warriors	2022	84.37	4.69	
ClariPhos Rare Earth Coagulant	WaterSolve LLC	2023	1.3	0.05	
Aegis 8851	Watertech of America, Inc.	2021	0.302	0.02	
Envirodose 5765	Watertech of America, Inc.	2015	182.57	10.14	
Envirodose 702PF	Watertech of America, Inc.	2021	201.73	11.21	
Envirodose 742	Watertech of America, Inc.	2021	231.05	11.84	
Watertech 1710P	Watertech of America, Inc.	2020	30.54	1.7	
Watertech 2411	Watertech of America, Inc.	2020	0.04	0.002	
Watertech 3060M	Watertech of America, Inc.	2015	227.46	12.64	
Watertech 3459	Watertech of America, Inc.	2015	192.31	10.68	
Watertech 3516	Watertech of America, Inc.	2015	5.44	0.302	
WT 5213	Watertech of America, Inc.	2020	61.5	0.003	
Boiler Treatment SPT	Wausau Chemical Corporation	2020	75.98	4.22	
Sludge Conditioner	Wausau Chemical Corporation	2020	193.74	10.76	



If you have questions about a product, contact the DNR staff member who originally completed the review for that product. For general questions or if you are unable to contact the original product reviewer, contact the Wastewater Toxicologist (Kari Fleming: kari.fleming@wisconsin.gov or 608-267-7663).

For stormwater applications, contact Amy Minser (Amy.Minser@wisconsin.gov or 608-266-4359). For CAFO applications, contact Bernie Michaud (Bernard.Michaud@wisconsin.gov or 608-266-5239).