

Wisconsin Department of Natural Resources  
 Allowable Usage Rates for Water Applied Additives

Water

1/22/19

jck

c:kucher/additives/additive product reviews/tracking tables/ water allow usage rate

Product Name	Manufacturer/Distributor and Contact Information	Date Prepared	Allowable Usage Rate (ppm or mg/l)	Allowable Application Rate (lbs/ac-ft)	Comments (Anionic (-) Recommended)
Aquamark					
AQ 224	Aquamark 14910 Cross Creek Parkway Newbury, OH 44065 800-350-0304	07/15/2009	1.0		
Applied Polymer Systems (APS)					
Floc Log 702b	Kyla Iwinski, PhD Applied Polymer Systems	11/08/2011	42.0	57.0	Anionic
Floc Log 702c	Vice President of Research and Development	11/08/2011	42.0	57.0	Anionic
Floc Log 703d	519 Industrial Dr.	11/08/2011	38.3	52.0	Anionic
Floc Log 704f	Woodstock, GA 30189	06/10/2002	42.0	57.0	Anionic
Floc Log 706b	678-494-5998	06/10/2002	42.0	57.0	Anionic
Floc Log 703d # 3 / 806	<a href="mailto:info@siltstop.com">info@siltstop.com</a>	5/31/18	51.8	69.9	
Biostar CH Chitosan Acetate	George Hild	06/07/2004	220.8	298.0	Cationic
Biostar CH Chitosan Lactate	Hild & Associates 326 Glover Road South River Falls, WI 54022 715-426-5131 651-260-3840	06/07/2004	263.9	356.0	Cationic
ChemTreat					
P824 L	ChemTreat 5640 Cox Road	10/02/2015	0.03	0.04	
P812 A	Glen Allen, VA 23060	10/02/2015	12.0	16.1	
P894L	Sarah Bentley / Christine Lipka	11/10/2015	2.1	0.2	
M920	804-035-2116	03/29/2016	7.7	10.4	
M 925	<a href="http://www.chemtreat.com">www.chemtreat.com</a>	08/18/2016	55.6	75.1	
ML 1162		09/27/2016	254.2	343.2	
P 812 GL		02/19/2018	110.5	149.1	
P822L		05/23/2018	0.010	0.015	
P8242L		05/23/2018	0.050	0.074	
P880L		07/02/2018	0.040	0.048	
M940		07/10/2018	0.010	0.014	
P874L		07/10/2018	0.004	0.005	
P873L		08/02/2018	0.040	0.050	
CFM Corp					
CF -505	CFM Corporation 2525 Peiper Road Cottage Grove, WI 53527 608-839-8031	04/02/2004	259.2	350.0	Anionic
Clearwater					
CW 5, 16, 95, 95V	Clearwater Industries 414-375-1436	01/08/2016	4.6	6.2	
CW 24, 46, 48 (same as CW40L, CW35)	<a href="mailto:JoeLamb@clearwaterind.com">Joe Lamb</a> <a href="mailto:Joe@clearwaterind.com">Joe@clearwaterind.com</a>	01/08/2016	4.6	6.2	
CW 13	9446 N 107th Street	10/24/2016	4.6	6.2	
CW 25E	Milwaukee, WI 53224	10/01/2018	4.6	6.2	
Earth & Road					
Floc 500	Derek Hoffman 608-635-7755	10/30/2002	37.5	51.0	
(Nat Earth Poly Stable Plus (NEPS+))	Earth & Road Corp 101 Skyline Drive Arlington, WI 53911				

Erotex	Scott Bordeau, CPESC				
ERO TEX	ERO-TEX	10/14/2014	2000.0	326.0	
	N94 W14330 Garwin Mace Dr., Menomonee Falls, WI 53051				
	262-250-9945 or 608-712-3839				
	<a href="http://www.ero-tex.net">www.ero-tex.net</a>				
Floquat	FloQuat	07/15/2009	1.0		
Fremont Water Solutions	Dennis Kwasny				
BTW 4393	Account Manager	08/29/2017	126.0	170.1	
OXY 4507	Fremont Industries, LLC	08/29/2017	54.4	73.4	
RLT 4730	952-445-4121 cell <a href="mailto:dkwasny@fremont.com">dkwasny@fremont.com</a>	08/29/2017	12.6	17.0	
Hawkins, Inc.	Hawkins, Inc				
Aqua Hawk 3507	2381 Rosegate Roseville, MN 55113 612-331-6910	01/27/2017	12.6	16.9	
Hydrite Chem	Hydrite Chem				
Cytec Superfloc A-130 HMW	300 N. Patrick Blvd. Brookfield, WI 53045 262-792-1450	10/13/2004	10.2	7.3	
Hydrifloc 5225		06/18/2015	13.8	18.7	
Hydriclear 9080		06/23/2015	0.2	0.3	
HaloSource / now Dober Chem 4-4-16	Frank Kneib				
Storm-Klear Liquid Flocc	HaloSource, Inc. 1725 220th St. SE, Ste. 103 Bothell, WA 98021	08/22/2002	31.0	42.0	Cationic
Storm-Klear Gel-Floc	Office: 425-974-1970 Fax: 425-556-4120 Cell: 602-334-3474	08/22/2002	6.4	9.0	Cationic
HaloSource DBP-2100	Email: <a href="mailto:fkneib@halosource.com">fkneib@halosource.com</a> <a href="http://www.halosource.com">www.halosource.com</a>	06/28/2010	84.0	113.0	Anionic
HaloSource LBP-2101		06/28/2010	800.0	1080.0	Anionic
Haloklear BHR - P50		11/14/2014	78.4	105.8	Unknown
Haloklear 4900 DBF		08/18/2015	1.4	1.9	
Hychem	Troy Zickert - account manager				
Hyperfloc AE 853G	Hychem, Inc <a href="mailto:Tzickert@hychem.com">Tzickert@hychem.com</a>	12/29/2015	0.13	0.17	
Hyperfloc AF 304	cell 715-459-4151	12/29/2015	0.43	0.58	
Hyperfloc AF 206		12/29/2015	0.28	0.38	
Hyperfloc CD 650		12/29/2015	0.00	0.00	
Hyperfloc CP 626		12/29/2015	0.02	0.03	
Hyperfloc CP 737		12/29/2015	0.02	0.03	
Hyperfloc CP 738		03/28/2018	0.02	0.03	
Innovative Turf Solutions (ITS)	Melissa Schrad				
FLOC (granular)	Innovative Turf Solutions, LLC 5132 Ballantrae Cour	06/14/2013	400.0	407 (1.25 lbs/1000 gal)	Anionic
FLOC SOC	Cincinnati, OH 45238	06/14/2013	400.0	407 (1.25 lbs/1000 gal)	Anionic
FLOC BAG	Cell: 513.317.8311 Fax: 513.672.9633 <a href="mailto:mrs@innovativeturfsolutions.com">mrs@innovativeturfsolutions.com</a>	06/14/2013	400.0	407 (1.25 lbs/1000 gal)	Anionic

Kemira					
Superfloc C-591	Richard Moye	07/01/2016	0.5	0.6	
	Kemira Chemicals, Inc.				
Superfloc A-130	1000 Parkwood Circle, Suite 500	07/01/2016	13.9	18.7	
	Atlanta, GA 30339				
	770-436-1542				
	<a href="mailto:richard.moye@kemira.com">richard.moye@kemira.com</a>				
Mineral Masters					
Praestol 951 BC	Mineral Masters	10/05/2009	50.0		
	130 West Grand Blvd.				
Mineral Masters MM 2440	West Chicago, IL	02/22/2010	50.0		
	60185-1937				
Mineral Masters MM 2420G		07/14/2010	4.1		
Mineral Masters MM 2420B		07/14/2010	5.0		
Mast Environmental					
Mast 139Z / SNF Flopam EM 840LH	MAST ENV.	11/23/2010	0.2	0.2	
	Cottage Grove, WI 53527				
	608-839-8031				
Neo Solutions	NEO Solutions				
NS 3350P	1340 Brighton Road	05/20/2009	1.0		
NS 6350	Beaver, OR 15009	07/15/2009	10.0		
NS 6352	724-728-1847	06/20/2009	10.0		
NS 6850P / NS 9181	Matt Swalen	11/02/2015	1.3	1.7	
NS 2990		10/11/2017	0.03	0.04	
NALCO	Corey				
Optimer 9901	NALCO	10/08/2015	16.3	22.0	
	<a href="mailto:cldemarco@nalsco.com">cldemarco@nalsco.com</a>				
	309-686-2551				
PSMG					
PPG 120	PSMG	01/05/2015	0.3	0.4	
	980 Birmingham Rd				
	Milton, GA 30004				
	470-239-0553				
Soil Net LLC					
SoilNet Disk A	Dr. Aicardo Roa-Espinosa	03/21/2007	39.0	53.0	Anionic
SoilNet Disk B	Soil Net LLC	03/21/2007	100.0	135.0	Anionic
EM 1240	1628 Waunona Way	03/21/2007	28.0	38.0	Anionic
EM 1340	Madison, WI 53713	03/21/2007	15.0	20.0	Anionic
S550W	608-221-8129 (home)	03/21/2007	18.0	24.0	Anionic
Soil Net - 35	<a href="mailto:SOILNETLLC@aol.com">SOILNETLLC@aol.com</a>	12/23/2004	105.5	142.0	Anionic
Soil Net - TRIPAM		12/23/2004	123.0	166.0	Anionic
EM 1000(OL 1000)		12/23/2004	41.3	56.0	Anionic
S1000 - SAL		06/02/2017	8.1		
Univar					
Coagulant 2243K	Steven chaffin	07/01/2016	0.5	0.6	
Flocculant 3407K	Univar	07/01/2016	13.9	18.7	
	Chattanooga, TN				
	423-268-0018				
	<a href="mailto:steven.chaffin@univarusa.com">steven.chaffin@univarusa.com</a>				
Zinkan					
D603	Tim Drake <a href="mailto:tdrake@zinkan.com">tdrake@zinkan.com</a>	08/18/2015	13.8	18.7	
D605XX	1919 Case Parkway North	08/18/2015	13.8	18.7	
D609	twinsburg OH, 44087	08/18/2015	13.8	18.7	
FlocREADY 1524P	352-870-0225(cell)	10/08/2015	7.7	10.4	
	800-229-6801				

## Notes:

- 1 The allowable usage rate is based on toxicity alone, and does not consider product effectiveness.
- 2 The water applied additive is typically used as a flocculant in ponds to settle out fine particles.
- 3 Allowable usage rate (mg/l) = allowable application rate lb/(ac-ft) x mg/l / (1.35 lbs/ (ac-ft))