

PUR-1116
Swimming Pool / Water / WasteWater Treatment Chemicals

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Amato Industries, Inc. Silver Spring, MD	Brenntag Northeast, Inc. Reading, PA	Carmeuse Lime, Inc. Pittsburgh, PA	Delta Chemical Corporation Baltimore, MD	F2 Industries, LLC Smyrna, TN	George S. Coyne Chemical Co., Inc. Croydon, PA
1	50% Liquid Caustic Soda (City of Hagerstown)	55-Gallon Drum	50 Drums						\$2.79 *
2	Liquid Chlorine (City of Hagerstown)	1-Ton Cylinder	60 1-Ton Cylinders						
3	Hydrated Lime (City of Hagerstown)	50-Pound Bag	100 Tons			\$222.10 *			
4	Ferric Chloride (City of Hagerstown)	Dry Ton	50 Dry Tons						\$618.38
5A	Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	6,000 Gal. Bulk	\$1.97					\$2.18
5B	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	10,000 Gallons Bulk	\$1.97					\$1.73
5C	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	5,000 Gallons Bulk	\$1.97					\$2.18
6	Liquid Alum (City of Hagerstown)	Dry Ton	35 Dry Tons				\$468.00		
7	Powdered Activated Carbon (City of Hagerstown)	50-Pound Bag	16 Tons					\$0.91 *	\$2,193.87 *
8	Soda Ash (City of Hagerstown)	50-Pound Bag	1 Ton	\$899.00					\$809.80 *
9	Poly Aluminum Chloride (PAC) (City of Hagerstown)	Dry Ton	100 Dry Tons				\$,2688.00 *		
10	Sodium Hypochlorite (Washington County)	Gallon Bulk	12,000 Gallons	\$1.57					\$1.24
11	Cyanuric Acid (City of Hagerstown)	Pound	600 Pounds	\$1.10					
12	Hydrated Lime (Washington County)	Ton	110 Tons		\$176.84	\$146.29 *			
13	Calcium Chloride (City of Hagerstown)	50-Pound Container	1,000 Pounds	\$0.63					
14	Sodium Hypochlorite (Washington County)	55-Gallon Drum	105 55-Gal. Drums	\$2.07					
15	Granular Activated Carbon (Washington County)	50-Pound Bag	5,600 Pounds						\$3.15 *
16	Soda Ash, Light (Washington County)	50-Pound Bag	10,000 Pounds	\$0.39					\$0.4049
17	Potassium Permanganate (City of Hagerstown)	55-Pound Pail	50,000 Pounds		\$3.00 *			\$2.39	\$2.334

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18	48% Liquid Aluminum Sulfate Alum (Washington County)	55-Gallon Drum	30 55-Gal. Drums						
19A	Powdered Activated Carbon (Washington County)	50-Pound Bag	1,000 Pounds						\$1.31 *
19B	Powdered Activated Carbon (Washington County)	55-Pound Bag	1,000 Pounds						
20	Chlorine Gas (Washington County)	150-Pound Cylinder	33 Cylinders						
21A	Caustic Soda (Sodium Hydroxide) (Washington County)	55-Gallon Drum	325 Drums						
21B	Caustic Soda (Sodium Hydroxide) Washington County)	Gallon Bulk	1,500 Gal. Bulk						
22	Ferrous Chloride Solution (Washington County)	Gallon Bulk	14,000 Gallons						\$1.267
23	Hydrofluosilicic Acid (H2SiF6) (Washington County)	15-Gallon Pail	15 Pails						
		55 Gallon Drum	4 55-Gal. Drums						
24	Granular Calcium Hypochlorite (Washington County)	100-Pound Container	60 Containers	\$1.599				\$1.39	\$1.4775
25	Sulfur Dioxide Gas (Washington County)	150-Pound Cylinder	25 Cylinders						
26	DelPAC 2000 (Washington County)	Bulk Pound	423,000 Pounds						
27	Sodium Fluoride (City of Hagerstown)	50-Pound Bag	4 Tons						
28	3" Tablet Chlorine (City of Hagerstown)	50 to 100 Pound Drum	17,000 Pounds	\$2.61					\$1.769 *
29	Sodium Hypochlorite (Washington County Parks)	55-Gallon Drum	47 55-Gal. Drums	\$2.07					
30	Cyanuric Acid (Washington County Parks)	Pound	100 - 200 Pounds	\$1.10					
31	Calcium Chloride (Washington County Parks)	50-Pound Container	500 - 600 Pounds	\$0.63					
32	Muratic Acid (Washington County Parks)	15-Gallon Pail Pound	15 - 30 Pounds	\$5.99					
33	Sodium Fluorosilicate (City of Hagerstown)	50-Pound Bag	44,000 Pounds						
34A	DelPAC 2020 (Washington County)	50-Gallon Drum	40 Drums						\$3.648 *
34B	DelPAC 2020 (Washington County)	55-Gallon Drum	40 Drums						

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Amato Industries, Inc. Silver Spring, MD	Brenntag Northeast, Inc. Reading, PA	Charmeuse Lime, Inc. Pittsburgh, PA	Delta Chemical Corporation Baltimore, MD	F2 Industries, LLC Smyrna, TN	George S. Coyne Chemical Co., Inc. Croydon, PA
35	Sodium Bisulfite Solution (City of Hagerstown)	55-Gallon Drum Pound	N/A						
36	Defoamer - Anti-Foam (City of Hagerstown)	55-Gallon Drum	2,000 Gallons						\$10.47 *
37	Thioguard (55-65%) Magnesium Hydroxide (City of Hagerstown)	Gallon Bulk	60,000 - 70,000 Gallons						
38	Polymer (City of Hagerstown)	55-Pound Bag	10,000 Pounds						\$1.948 *

Exceptions:

Amato Industries

No Exceptions

Brenntag Northeast, Inc.

- 1 #17 - RC Wilson location rear unload truck with fork lift

Charmeuse Lime, Inc.

- 1 #3 - for a 20 ton load
- #12 - for a 20 ton load

Delta Chemical Corporation

- 1 #9 - /ton A1203

F2 Industries, LLC

- 1 #7 - PaCarb +900

George S. Coyne Chemical Co., Inc.

- 1 #1 - Drums on Memo Basis* *Drums on Memo Basis to remain the property of Coyne Chemical. Will be invoiced at \$50 each if not returned in good condition at end of contract period.
- 2 #7 - Quoting on Hydrodarco B
- 3 #8 - Quoting on FMC Lite 100
- 4 #15 - Quoting on Hydrodarco 3000 or 4000
- 5 #19A - Hydrodarco B in 40# Bags
- 6 #28 - Quoting on PPG Accu Tab SI
- 7 #34A - Quoting on CES PAC1 900s
- 8 #36 - Quoting on Foam Free 410
- 9 #38 - Quoting on Zetag 7563

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Greer Lime Company Morgantown, WV	Gulbrandsen Technologies, Inc. Clinton, NJ	JCI Jones Chemicals, Inc. Milford, VA	Marubeni Specialty Chemicals Tampa, FL	Premier Chemicals, LLC Conshohocken, PA	Tilley Chemical Company, Inc. Baltimore, MD
1	50% Liquid Caustic Soda (City of Hagerstown)	55-Gallon Drum	50 Drums						\$3.937 *
2	Liquid Chlorine (City of Hagerstown)	1-Ton Cylinder	60 1-Ton Cylinders			\$510.00			
3	Hydrated Lime (City of Hagerstown)	50-Pound Bag	100 Tons						
4	Ferric Chloride (City of Hagerstown)	Dry Ton	50 Dry Tons		\$718.33				
5A	Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	6,000 Gal. Bulk						
5B	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	10,000 Gallons Bulk						
5C	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	5,000 Gallons Bulk						
6	Liquid Alum (City of Hagerstown)	Dry Ton	35 Dry Tons						
7	Powdered Activated Carbon (City of Hagerstown)	50-Pound Bag	16 Tons						
8	Soda Ash (City of Hagerstown)	50-Pound Bag	1 Ton						
9	Poly Aluminum Chloride (PAC) (City of Hagerstown)	Dry Ton	100 Dry Tons						
10	Sodium Hypochlorite (Washington County)	Gallon Bulk	12,000 Gallons						
11	Cyanuric Acid (City of Hagerstown)	Pound	600 Pounds						
12	Hydrated Lime (Washington County)	Ton	110 Tons	\$154.00					
13	Calcium Chloride (City of Hagerstown)	50-Pound Container	1,000 Pounds						
14	Sodium Hypochlorite (Washington County)	55-Gallon Drum	105 55-Gal. Drums						\$3.50 *
15	Granular Activated Carbon (Washington County)	50-Pound Bag	5,600 Pounds						
16	Soda Ash, Light (Washington County)	50-Pound Bag	10,000 Pounds						
17	Potassium Permanganate (City of Hagerstown)	55-Pound Pail	50,000 Pounds				\$2.21		

* See Exception

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Greer Lime Company Morgantown, WV	Gulbrandsen Technologies, Inc. Clinton, NJ	JCI Jones Chemicals, Inc. Milford, VA	Marubeni Specialty Chemicals Tampa, FL	Premier Chemicals, LLC Conshohocken, PA	Tilley Chemical Company, Inc. Baltimore, MD
18	48% Liquid Aluminum Sulfate Alum (Washington County)	55-Gallon Drum	30 55-Gal. Drums						
19A	Powdered Activated Carbon (Washington County)	50-Pound Bag	1,000 Pounds						
19B	Powdered Activated Carbon (Washington County)	55-Pound Bag	1,000 Pounds						
20	Chlorine Gas (Washington County)	150-Pound Cylinder	33 Cylinders			\$120.00			
21A	Caustic Soda (Sodium Hydroxide) (Washington County)	55-Gallon Drum	325 Drums						\$3.937 *
21B	Caustic Soda (Sodium Hydroxide) Washington County)	Gallon Bulk	1,500 Gal. Bulk						
22	Ferrous Chloride Solution (Washington County)	Gallon Bulk	14,000 Gallons		\$0.694				
23	Hydrofluosilicic Acid (H2SiF6) (Washington County)	15-Gallon Pail	15 Pails						
		55 Gallon Drum	4 55-Gal. Drums						
24	Granular Calcium Hypochlorite (Washington County)	100-Pound Container	60 Containers						
25	Sulfur Dioxide Gas (Washington County)	150-Pound Cylinder	25 Cylinders			\$150.00			
26	DelPAC 2000 (Washington County)	Bulk Pound	423,000 Pounds		\$0.18				
27	Sodium Fluoride (City of Hagerstown)	50-Pound Bag	4 Tons						
28	3" Tablet Chlorine (City of Hagerstown)	50 to 100 Pound Drum	17,000 Pounds						
29	Sodium Hypochlorite (Washington County Parks)	55-Gallon Drum	47 55-Gal. Drums						\$3.50 *
30	Cyanuric Acid (Washington County Parks)	Pound	100 - 200 Pounds						
31	Calcium Chloride (Washington County Parks)	50-Pound Container	500 - 600 Pounds						
32	Muratic Acid (Washington County Parks)	15-Gallon Pail Pound	15 - 30 Pounds						
33	Sodium Fluorosilicate (City of Hagerstown)	50-Pound Bag	44,000 Pounds						
34A	DelPAC 2020 (Washington County)	50-Gallon Drum	40 Drums						
34B	DelPAC 2020 (Washington County)	55-Gallon Drum	40 Drums						

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Greer Lime Company Morgantown, WV	Gulbrandsen Technologies, Inc. Clinton, NJ	JCI Jones Chemicals, Inc. Milford, VA	Marubeni Specialty Chemicals Tampa, FL	Premier Chemicals, LLC Conshohocken, PA	Tilley Chemical Company, Inc. Baltimore, MD
35	Sodium Bisulfite Solution (City of Hagerstown)	55-Gallon Drum Pound	N/A						
36	Defoamer - Anti-Foam (City of Hagerstown)	55-Gallon Drum	2,000 Gallons						
37	Thioguard (55-65%) Magnesium Hydroxide (City of Hagerstown)	Gallon Bulk	60,000 - 70,000 Gallons					\$1.79	
38	Polymer (City of Hagerstown)	55-Pound Bag	10,000 Pounds						

Exceptions:

Greer Lime Company

No Exceptions

Gulbrandsen Technologies, Inc.

No Exceptions

JCI Jones Chemicals, Inc.

No Exceptions

Marubeni Specialty Chemicals

No Exceptions

Premier Chemicals, LLC

No Exceptions

Tilley Chemical Company, Inc.

- 1 #1 - Equates to .31 lb. Returnable drum deposit \$50
- 2 #14 - \$50 Returnable Drum Deposit
- 3 #21A - Equates to .31 lb. \$50 Returnable Drum Deposit
- 4 #29 - \$50 Returnable Drum Deposit

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Univar USA, Inc. Middletown, PA					
1	50% Liquid Caustic Soda (City of Hagerstown)	55-Gallon Drum	50 Drums	\$2.89					
2	Liquid Chlorine (City of Hagerstown)	1-Ton Cylinder	60 1-Ton Cylinders	\$492.00					
3	Hydrated Lime (City of Hagerstown)	50-Pound Bag	100 Tons						
4	Ferric Chloride (City of Hagerstown)	Dry Ton	50 Dry Tons						
5A	Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	6,000 Gal. Bulk	\$1.98					
5B	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	10,000 Gallons Bulk	\$1.58					
5C	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon Bulk	5,000 Gallons Bulk	\$1.78					
6	Liquid Alum (City of Hagerstown)	Dry Ton	35 Dry Tons						
7	Powdered Activated Carbon (City of Hagerstown)	50-Pound Bag	16 Tons	\$1,994.00 *					
8	Soda Ash (City of Hagerstown)	50-Pound Bag	1 Ton	\$689.00					
9	Poly Aluminum Chloride (PAC) (City of Hagerstown)	Dry Ton	100 Dry Tons						
10	Sodium Hypochlorite (Washington County)	Gallon Bulk	12,000 Gallons	\$1.29					
11	Cyanuric Acid (City of Hagerstown)	Pound	600 Pounds						
12	Hydrated Lime (Washington County)	Ton	110 Tons						
13	Calcium Chloride (City of Hagerstown)	50-Pound Container	1,000 Pounds	\$0.83					
14	Sodium Hypochlorite (Washington County)	55-Gallon Drum	105 55-Gal. Drums	\$1.99					
15	Granular Activated Carbon (Washington County)	50-Pound Bag	5,600 Pounds						
16	Soda Ash, Light (Washington County)	50-Pound Bag	10,000 Pounds	\$0.319					
17	Potassium Permanganate (City of Hagerstown)	55-Pound Pail	50,000 Pounds	\$3.09					

* See Exception

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Univar USA, Inc. Middletown, PA					
18	48% Liquid Aluminum Sulfate Alum (Washington County)	55-Gallon Drum	30 55-Gal. Drums	\$2.57					
19A	Powdered Activated Carbon (Washington County)	50-Pound Bag	1,000 Pounds	\$1.29 *					
19B	Powdered Activated Carbon (Washington County)	55-Pound Bag	1,000 Pounds	\$1.29 *					
20	Chlorine Gas (Washington County)	150-Pound Cylinder	33 Cylinders	\$129.00					
21A	Caustic Soda (Sodium Hydroxide) (Washington County)	55-Gallon Drum	325 Drums	\$1.98					
21B	Caustic Soda (Sodium Hydroxide) Washington County)	Gallon Bulk	1,500 Gal. Bulk	\$1.98					
22	Ferrous Chloride Solution (Washington County)	Gallon Bulk	14,000 Gallons						
23	Hydrofluosilicic Acid (H2SiF6) (Washington County)	15-Gallon Pail	15 Pails	\$8.13					
		55 Gallon Drum	4 55-Gal. Drums	\$5.99					
24	Granular Calcium Hypochlorite (Washington County)	100-Pound Container	60 Containers	\$1.549					
25	Sulfur Dioxide Gas (Washington County)	150-Pound Cylinder	25 Cylinders	\$142.00					
26	DeIPAC 2000 (Washington County)	Bulk Pound	423,000 Pounds	\$0.164					
27	Sodium Fluoride (City of Hagerstown)	50-Pound Bag	4 Tons	\$2,198.00					
28	3" Tablet Chlorine (City of Hagerstown)	50 to 100 Pound Drum	17,000 Pounds	\$1.85					
29	Sodium Hypochlorite (Washington County Parks)	55-Gallon Drum	47 55-Gal. Drums	\$1.99					
30	Cyanuric Acid (Washington County Parks)	Pound	100 - 200 Pounds						
31	Calcium Chloride (Washington County Parks)	50-Pound Container	500 - 600 Pounds	\$0.83					
32	Muratic Acid (Washington County Parks)	15-Gallon Pail Pound	15 - 30 Pounds						
33	Sodium Fluorosilicate (City of Hagerstown)	50-Pound Bag	44,000 Pounds	\$0.469					
34A	DeIPAC 2020 (Washington County)	50-Gallon Drum	40 Drums	\$4.24					
34B	DeIPAC 2020 (Washington County)	55-Gallon Drum	40 Drums	\$4.24					

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED ANNUAL USAGE	Univar USA, Inc. Middletown, PA					
35	Sodium Bisulfite Solution (City of Hagerstown)	55-Gallon Drum Pound	N/A	\$0.379					
36	Defoamer - Anti-Foam (City of Hagerstown)	55-Gallon Drum	2,000 Gallons						
37	Thioguard (55-65%) Magnesium Hydroxide (City of Hagerstown)	Gallon Bulk	60,000 - 70,000 Gallons						
38	Polymer (City of Hagerstown)	55-Pound Bag	10,000 Pounds						

Exceptions:

Univar USA, Inc. -

- 1 #7 - ** 40 lb bags
- 2 #19A - ** 40 lb bags
- 3 #19B - ** 40 lb bags