

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Amato Industries, Inc /Amchlor Silver Spring, MD</b>	<b>Brenntag Northeast LLC Reading, PA</b>	<b>Chemrite, Inc. Buford, GA</b>	<b>George S. Coyne Chemical Co, Inc. Croydon, PA</b>
<b>1</b>	Liquid Chlorine (City of Hagerstown)	Cylinder	1-Ton Cylinder	No Bid	No Bid	No Bid	No Bid
<b>2</b>	Aqueous Ammonia 19% (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>3</b>	Ferric Chloride (City of Hagerstown)	Dry Ton	Dry Ton	No Bid	No Bid	No Bid	No Bid
<b>4</b>	<del>Polymer- (Washington County DWQ)</del>						
<b>5</b>	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>6</b>	Powdered Activated Carbon (City of Hagerstown)	Ton	50-Pound Bag	No Bid	\$5,700.00	\$3,480.00	\$2,967.3125
<b>7</b>	Polyaluminum Chloride (PAC) (City of Hagerstown)	Wet Ton	Wet Ton	No Bid	No Bid	No Bid	No Bid
<b>8</b>	Caustic Soda (Sodium Hydroxide 25%) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	\$1.1899	No Bid	No Bid
<b>9A</b>	Sulfuric Acid 93% - 95% (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	\$3.22	No Bid	No Bid
<b>9B</b>	Sulfuric Acid 93% - 95% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$8.9206

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<b>10</b>	Sodium Hypochlorite (Washington County DWQ)	Gallon	55-Gallon Drum	\$7.00	No Bid	No Bid	\$5.6573
<b>11</b>	Potassium Permanganate (City of Hagerstown and Washington County DWQ)	Pound	55-Pound Pail	No Bid	\$2.70	\$2.51	No Bid
<b>12</b>	Caustic Soda (Sodium Hydroxide) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	\$2.8675	No Bid	\$5.3367
<b>13A</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	15-Gallon Pail	No Bid	No Bid	No Bid	\$13.5434
<b>13B</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$6.7457
<b>13C</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (City of Hagerstown)	Gallon	Gallon Mini Bulk	No Bid	No Bid	No Bid	\$5.9291

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<b>14</b>	DelPac 2000 (Polyaluminum Chloride Hydroxide Sulfate Solution) or PAX-XL6 (Washington County DWQ & Town of Boonsboro)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>15</b>	3" Tablet Chlorine (Calcium Hypochlorite) (City of Hagerstown)	Pound	50 - 100 Pound Drum	No Bid	No Bid	No Bid	\$2.9382
<b>16</b>	Sodium Hypochlorite (Washington County Parks)	Gallon	55-Gallon Drum	\$7.00	No Bid	No Bid	No Bid
<b>17</b>	Cyanuric Acid (Washington County Parks)	Pound	Pound	No Bid	No Bid	No Bid	No Bid
<b>18</b>	Calcium Chloride (Washington County Parks)	Pound	50-Pound Container	No Bid	No Bid	No Bid	No Bid
<b>19</b>	Muriatic Acid (Washington County Parks & Washington County DWQ)	Gallon	5-Gallon Pail	No Bid	No Bid	No Bid	No Bid
<b>20</b>	Sodium Bisulfite (38% - 40%) (City of Hagerstown)	Pound	275-Gallon Tote	No Bid	No Bid	No Bid	\$0.4729

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21	DelPAC 2020 (Polyaluminum Hydroxychlorosulfate Solution) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$4.77
22	Sodium Fluorosilicate (City of Hagerstown)	Pound	50-Pound Bag	No Bid	No Bid	\$1.69	\$1.6051
23	Defoamer – Anti-Foam (City of Hagerstown)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
24	Thioguard (55% - 65% Magnesium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
25	Methanol (mark-up over Methanex Index for September 2023) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	\$0.13	No Bid	No Bid
26	Bacterial Enzymatic Powder (Washington County DWQ)	Pound	50-Pound Containers (½ pound packets)	No Bid	No Bid	No Bid	No Bid
27	Poly-Orthophosphate Solution (SLI-5250) (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	\$1.09	No Bid

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<b>28A</b>	50% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>28B</b>	25% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>29</b>	DelPac 2000 (Aluminum Chloride Hydroxide Sulfate) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$7.74
<b>30</b>	Liquid Aluminum Sulfate (Washington County DWQ)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>31</b>	MicroC 2000 (Washington County DWQ)	Gallon	240-Gallon Totes	No Bid	No Bid	No Bid	\$4.20
<b>32</b>	Polymer (Zetag 8814) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	\$19.03
<b>33</b>	Morton Salt (City of Hagerstown)	Pound	Pound Bulk 40-50 Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>34</b>	Magnetite (Washington County DWQ)	Pound	Pound Bulk	No Bid	No Bid	\$0.69	No Bid

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<b>35</b>	Chlorine Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	No Bid	No Bid	No Bid	No Bid
<b>36</b>	Sulfur Dioxide Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	No Bid	No Bid	No Bid	No Bid
<b>37</b>	Diatomaceous Earth (Town of Boonsboro)	Bag	50-Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>38</b>	Carbon Dioxide (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>39</b>	Hydrochloric Acid (City of Hagerstown)	Gallon	5-Gallon Pails	No Bid	No Bid	No Bid	No Bid

*\*Corrected Calculations Based on Unit Pricing*

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<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>JCI Jones Chemicals, Inc. Milford, VA</b>	<b>Kemira Water Solutions, Inc. Lawrence, KS</b>	<b>Maryland Chemical Company, Inc. Baltimore, MD</b>	<b>North Industrial Chemicals York, PA</b>
1	Liquid Chlorine (City of Hagerstown)	Cylinder	1-Ton Cylinder	No Bid	No Bid	No Bid	No Bid
2	Aqueous Ammonia 19% (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	\$0.197	No Bid
3	Ferric Chloride (City of Hagerstown)	Dry Ton	Dry Ton	No Bid	\$1,156.48	No Bid	No Bid
4	<del>Polymer- (Washington County DWQ)</del>						
5	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
6	Powdered Activated Carbon (City of Hagerstown)	Ton	50-Pound Bag	No Bid	No Bid	No Bid	No Bid
7	Polyaluminum Chloride (PAC) (City of Hagerstown)	Wet Ton	Wet Ton	No Bid	No Bid	No Bid	No Bid
8	Caustic Soda (Sodium Hydroxide 25%) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	\$1.70
9A	Sulfuric Acid 93% - 95% (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	\$3.37
9B	Sulfuric Acid 93% - 95% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$7.50

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<b>10</b>	Sodium Hypochlorite (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>11</b>	Potassium Permanganate (City of Hagerstown and Washington County DWQ)	Pound	55-Pound Pail	No Bid	No Bid	No Bid	No Bid
<b>12</b>	Caustic Soda (Sodium Hydroxide) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>13A</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	15-Gallon Pail	No Bid	No Bid	No Bid	No Bid
<b>13B</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>13C</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (City of Hagerstown)	Gallon	Gallon Mini Bulk	No Bid	No Bid	No Bid	No Bid



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14	DelPac 2000 (Polyaluminum Chloride Hydroxide Sulfate Solution) or PAX-XL6 (Washington County DWQ & Town of Boonsboro)	Pound	Pound Bulk	No Bid	\$0.25	No Bid	No Bid
15	3" Tablet Chlorine (Calcium Hypochlorite) (City of Hagerstown)	Pound	50 - 100 Pound Drum	No Bid	No Bid	No Bid	5.75
16	Sodium Hypochlorite (Washington County Parks)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
17	Cyanuric Acid (Washington County Parks)	Pound	Pound	No Bid	No Bid	No Bid	No Bid
18	Calcium Chloride (Washington County Parks)	Pound	50-Pound Container	No Bid	No Bid	No Bid	No Bid
19	Muriatic Acid (Washington County Parks and Washington County DWQ)	Gallon	5-Gallon Pail	No Bid	No Bid	No Bid	No Bid
20	Sodium Bisulfite (38% - 40%) (City of Hagerstown)	Pound	275-Gallon Tote	No Bid	No Bid	No Bid	\$0.59

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21	DelPac 2020 (Polyaluminum Hydroxychlorosulfate Solution) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
22	Sodium Fluorosilicate (City of Hagerstown)	Pound	50-Pound Bag	No Bid	No Bid	No Bid	No Bid
23	Defoamer – Anti-Foam (City of Hagerstown)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	\$1.40
24	Thioguard (55% - 65% Magnesium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
25	Methanol (mark-up over Methanex Index for September 2023) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
26	Bacterial Enzymatic Powder (Washington County DWQ)	Pound	50-Pound Containers (½ pound packets)	No Bid	No Bid	\$9.00	\$8.95
27	Poly-Orthophosphate Solution (SLI-5250) (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid

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<b>28A</b>	50% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>28B</b>	25% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>29</b>	DelPac 2000 (Aluminum Chloride Hydroxide Sulfate) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>30</b>	Liquid Aluminum Sulfate (Washington County DWQ)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>31</b>	MicroC 2000 (Washington County DWQ)	Gallon	240-Gallon Totes	No Bid	No Bid	No Bid	\$5.50
<b>32</b>	Polymer (Zetag 8814) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>33</b>	Morton Salt (City of Hagerstown)	Pound	Pound Bulk 40-50 Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>34</b>	Magnetite (Washington County DWQ)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid

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<b>35</b>	Chlorine Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	\$600.00	No Bid	No Bid	No Bid
<b>36</b>	Sulfur Dioxide Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	\$350.00	No Bid	No Bid	No Bid
<b>38</b>	Diatomaceous Earth (Town of Boonsboro)	Bag	50-Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>39</b>	Carbon Dioxide (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>40</b>	Hydrochloric Acid (City of Hagerstown)	Gallon	5-Gallon Pails	No Bid	No Bid	No Bid	No Bid

*\*Corrected Calculations Based on Unit Pricing*

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<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Norweco, Inc. Norwalk, OH</b>	<b>Premier Magnesia, LLC Waynesville, NC</b>	<b>PVC Technologies, Inc. Detroit, MI</b>	<b>Shannon Chemical Corporation Malvern, PA</b>
1	Liquid Chlorine (City of Hagerstown)	Cylinder	1-Ton Cylinder	No Bid	No Bid	No Bid	No Bid
2	Aqueous Ammonia 19% (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
3	Ferric Chloride (City of Hagerstown)	Dry Ton	Dry Ton	No Bid	No Bid	\$1,224.00	No Bid
4	<del>Polymer- (Washington County DWQ)</del>						
5	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
6	Powdered Activated Carbon (City of Hagerstown)	Ton	50-Pound Bag	No Bid	No Bid	No Bid	No Bid
7	Polyaluminum Chloride (PAC) (City of Hagerstown)	Wet Ton	Wet Ton	No Bid	No Bid	No Bid	No Bid
8	Caustic Soda (Sodium Hydroxide 25%) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
9A	Sulfuric Acid 93% - 95% (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
9B	Sulfuric Acid 93% - 95% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid

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<b>10</b>	Sodium Hypochlorite (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>11</b>	Potassium Permanganate (City of Hagerstown and Washington County DWQ)	Pound	55-Pound Pail	No Bid	No Bid	No Bid	No Bid
<b>12</b>	Caustic Soda (Sodium Hydroxide) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>13A</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	15-Gallon Pail	No Bid	No Bid	No Bid	No Bid
<b>13B</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>13C</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (City of Hagerstown)	Gallon	Gallon Mini Bulk	No Bid	No Bid	No Bid	No Bid

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<b>14</b>	DelPac 2000 (Polyaluminum Chloride Hydroxide Sulfate Solution) or PAX-XL6 (Washington County DWQ & Town of Boonsboro)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>15</b>	3" Tablet Chlorine (Calcium Hypochlorite) (City of Hagerstown)	Pound	50 - 100 Pound Drum	\$369.93 *	No Bid	No Bid	No Bid
<b>16</b>	Sodium Hypochlorite (Washington County Parks)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>17</b>	Cyanuric Acid (Washington County Parks)	Pound	Pound	No Bid	No Bid	No Bid	No Bid
<b>18</b>	Calcium Chloride (Washington County Parks)	Pound	50-Pound Container	No Bid	No Bid	No Bid	No Bid
<b>19</b>	Muriatic Acid (Washington County Parks and Washington County DWQ)	Gallon	5-Gallon Pail	No Bid	No Bid	No Bid	No Bid
<b>20</b>	Sodium Bisulfite (38% - 40%) (City of Hagerstown)	Pound	275-Gallon Tote	No Bid	No Bid	No Bid	No Bid

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21	DeIPAC 2020 (Polyaluminum Hydroxychlorosulfate Solution) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
22	Sodium Fluorosilicate (City of Hagerstown)	Pound	50-Pound Bag	No Bid	No Bid	No Bid	No Bid
23	Defoamer – Anti-Foam (City of Hagerstown)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
24	Thioguard (55% - 65% Magnesium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	\$3.492	No Bid	No Bid
25	Methanol (mark-up over Methanex Index for September 2023) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
26	Bacterial Enzymatic Powder (Washington County DWQ)	Pound	50-Pound Containers (½ pound packets)	No Bid	No Bid	No Bid	No Bid
27	Poly-Orthophosphate Solution (SLI-5250) (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	\$1.33



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<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Norweco, Inc. Norwalk, OH</b>	<b>Premier Magnesia, LLC Waynesville, NC</b>	<b>PVC Technologies, Inc. Detroit, MI</b>	<b>Shannon Chemical Corporation Malvern, PA</b>
<b>28A</b>	50% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>28B</b>	25% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>29</b>	DelPac 2000 (Aluminum Chloride Hydroxide Sulfate) (Washington County DWQ)	Gallon	55-Gallon Drum	No Bid	No Bid	No Bid	No Bid
<b>30</b>	Liquid Aluminum Sulfate (Washington County DWQ)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>31</b>	MicroC 2000 (Washington County DWQ)	Gallon	240-Gallon Totes	No Bid	No Bid	No Bid	No Bid
<b>32</b>	Polymer (Zetag 8814) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid	No Bid	No Bid
<b>33</b>	Morton Salt (City of Hagerstown)	Pound	Pound Bulk 40-50 Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>34</b>	Magnetite (Washington County DWQ)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Norweco, Inc. Norwalk, OH</b>	<b>Premier Magnesia, LLC Waynesville, NC</b>	<b>PVC Technologies, Inc. Detroit, MI</b>	<b>Shannon Chemical Corporation Malvern, PA</b>
<b>35</b>	Chlorine Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	No Bid	No Bid	No Bid	No Bid
<b>36</b>	Sulfur Dioxide Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	No Bid	No Bid	No Bid	No Bid
<b>37</b>	Diatomaceous Earth (Town of Boonsboro)	Bag	50-Pound Bags	No Bid	No Bid	No Bid	No Bid
<b>38</b>	Carbon Dioxide (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid	No Bid	No Bid
<b>39</b>	Hydrochloric Acid (City of Hagerstown)	Gallon	5-Gallon Pails	No Bid	No Bid	No Bid	No Bid

*\*Corrected Calculations Based on Unit Pricing*

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
<b>1</b>	Liquid Chlorine (City of Hagerstown)	Cylinder	1-Ton Cylinder	\$2,575.00	No Bid
<b>2</b>	Aqueous Ammonia 19% (City of Hagerstown)	Pound	Pound Bulk	\$0.2921	No Bid
<b>3</b>	Ferric Chloride (City of Hagerstown)	Dry Ton	Dry Ton	No Bid	No Bid
<b>4</b>	<del>Polymer (Washington County DWQ)</del>				
<b>5</b>	12.5% Sodium Hypochlorite (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid
<b>6</b>	Powdered Activated Carbon (City of Hagerstown)	Ton	50-Pound Bag	No Bid	No Bid
<b>7</b>	Polyaluminum Chloride (PAC) (City of Hagerstown)	Wet Ton	Wet Ton	No Bid	\$598.00
<b>8</b>	Caustic Soda (Sodium Hydroxide 25%) (City of Hagerstown)	Gallon	Gallon Bulk	\$1.2106	No Bid
<b>9A</b>	Sulfuric Acid 93% - 95% (City of Hagerstown)	Gallon	Gallon Bulk	\$3.09	No Bid
<b>9B</b>	Sulfuric Acid 93% - 95% (Washington County DWQ)	Gallon	55-Gallon Drum	\$6.97	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
<b>10</b>	Sodium Hypochlorite (Washington County DWQ)	Gallon	55-Gallon Drum	\$5.08	No Bid
<b>11</b>	Potassium Permanganate (City of Hagerstown and Washington County DWQ)	Pound	55-Pound Pail	\$4.83	No Bid
<b>12</b>	Caustic Soda (Sodium Hydroxide) (Washington County DWQ)	Gallon	55-Gallon Drum	\$4.16	No Bid
<b>13A</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	15-Gallon Pail	\$12.00	No Bid
<b>13B</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (Washington County DWQ)	Gallon	55-Gallon Drum	\$5.50	No Bid
<b>13C</b>	Hydrofluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) 30% (City of Hagerstown)	Gallon	Gallon Mini Bulk	No Bid	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
<b>14</b>	DelPac 2000 (Polyaluminum Chloride Hydroxide Sulfate Solution) or PAX-XL6 (Washington County DWQ & Town of Boonsboro)	Pound	Pound Bulk	No Bid	\$0.252
<b>15</b>	3" Tablet Chlorine (Calcium Hypochlorite) (City of Hagerstown)	Pound	50 - 100 Pound Drum	\$3.29	No Bid
<b>16</b>	Sodium Hypochlorite (Washington County Parks)	Gallon	55-Gallon Drum	\$5.08	No Bid
<b>17</b>	Cyanuric Acid (Washington County Parks)	Pound	Pound	No Bid	No Bid
<b>18</b>	Calcium Chloride (Washington County Parks)	Pound	50-Pound Container	No Bid	No Bid
<b>19</b>	Muriatic Acid (Washington County Parks and Washington County DWQ)	Gallon	5-Gallon Pail	No Bid	No Bid
<b>20</b>	Sodium Bisulfite (38% - 40%) (City of Hagerstown)	Pound	275-Gallon Tote	\$0.51	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
21	DelPAC 2020 (Polyaluminum Hydroxychlorosulfate Solution) (Washington County DWQ)	Gallon	55-Gallon Drum	\$4.75	No Bid
22	Sodium Fluorosilicate (City of Hagerstown)	Pound	50-Pound Bag	No Bid	No Bid
23	Defoamer – Anti-Foam (City of Hagerstown)	Gallon	55-Gallon Drum	No Bid	No Bid
24	Thioguard (55% - 65% Magnesium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid
25	Methanol (mark-up over Methanex Index for September 2023) (City of Hagerstown)	Gallon	Gallon Bulk	\$0.18	No Bid
26	Bacterial Enzymatic Powder (Washington County DWQ)	Pound	50-Pound Containers (½ pound packets)	No Bid	No Bid
27	Poly-Orthophosphate Solution (SLI-5250) (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
<b>28A</b>	50% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid
<b>28B</b>	25% Caustic Soda (Sodium Hydroxide) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid
<b>29</b>	DelPac 2000 (Aluminum Chloride Hydroxide Sulfate) (Washington County DWQ)	Gallon	55-Gallon Drum	\$5.62	No Bid
<b>30</b>	Liquid Aluminum Sulfate (Washington County DWQ)	Gallon	Gallon Bulk	\$2.10	No Bid
<b>31</b>	MicroC 2000 (Washington County DWQ)	Gallon	240-Gallon Totes	\$6.29	No Bid
<b>32</b>	Polymer (Zetag 8814) (City of Hagerstown)	Gallon	Gallon Bulk	No Bid	No Bid
<b>33</b>	Morton Salt (City of Hagerstown)	Pound	Pound Bulk 40-50 Pound Bags	\$0.47	No Bid
<b>34</b>	Magnetite (Washington County DWQ)	Pound	Pound Bulk	No Bid	No Bid

## Swimming Pool Water / Wastewater Treatment Chemicals

<b>Bid Item No.</b>	<b>Description / (Delivered Price per Unit of Measure)</b>	<b>Delivered Price Per</b>	<b>Unit of Measure</b>	<b>Univar Solutions USA, Inc. Morrisville, PA</b>	<b>USALCO, LLC Baltimore, MD</b>
<b>35</b>	Chlorine Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	\$475.00	No Bid
<b>36</b>	Sulfur Dioxide Gas (Town of Boonsboro)	Cylinder	150-Pound Cylinder	\$192.15	No Bid
<b>37</b>	Diatomaceous Earth (Town of Boonsboro)	Bag	50-Pound Bags	No Bid	No Bid
<b>38</b>	Carbon Dioxide (City of Hagerstown)	Pound	Pound Bulk	No Bid	No Bid
<b>39</b>	Hydrochloric Acid (City of Hagerstown)	Gallon	5-Gallon Pails	No Bid	No Bid

*\*Corrected Calculations Based on Unit Pricing*



## Remarks / Exceptions

**Amao Industries, Inc/Amchlor** - \$50.00 Delivery Fee

### **Brenntag Northeast, LLC**

Item #6 - 40 lb bags; 8000lb minimum order qty.

Item #8 - 4500 gallon minimum order qty.

Item #9A - 2500 gallon minimum order qty.

Item #12 - 4 drum minimum order qty.

Item #25 - .13/gallon markup over Sept. 2023 index

\$1.55 gallon index + \$.13 gallon markup = \$1.68/gallon

### **Chemrite, Inc.: Non-Responsive**

Item #6 - Lead time: 7-10 days ARO

Item #11 - Lead time: 3-7 days ARO

Item #22 - Lead time: 5-14 days ARO

Item #27 - LOP-1200/PT-120; Lead time: 5-10 days for bulk

Item #34 - 30,000 lbs minimum order; Lead time: 7 days ARO

**George S. Coyne Chemical Co., Inc.** - is bidding with the understanding that our delivery terms are 7-10 days ARO for packaged product delivery and 10-14 days ARO for Bulk product delivery.

We take exception to any other delivery terms expressed within the bidding documentation.

Items #9B & #29 - minimum 2 drums per delivery

Item #13B - minimum 4 drums per delivery

Item #21 - minimum 10 drums per delivery

Item #22 - minimum 1 Pallet per delivery

### **JCI Jones Chemicals, Inc.**

Item #36 - \*\*\*Price is subject to change after 3/31/24 upon 30 days written notice\*\*\*

See JCI Bid Addendum

### **Kemira Water Solutions, Inc.**

Item #3 - Kemira PIX-111

Item #14 - Kemira PAX-XL6

### **Maryland Chemical Co., Inc.**

Item #2 - 45,000 lb deliveries includes 2 hours off loading

Item #26 - Product packaged in 25 lb containers. Product Name: 'MDGREASE BUSTER POWDER 500'

### **North Industrial Chemicals** - Non-Responsive, Did Not use Revised Form of Proposal

Item #23 - NIC 10 FG Defoamer SDS included

Item #26 ProKa 500 25# pail, individual packets. SDS included

Due to instability and volatility in chemical market, North Industrial Chemical reserves the right to renegotiate pricing should our cost increase in excess of 10% during the course of the contract period for the following products: Sodium Hydroxide 25%, Sulfuric Acid, Sodium Bisulfite and Micro-C-2000.

**North Industrial Chemicals**, having no control over disruptions in manufacture supply of raw materials or

the railroads has the following Majeure clause.

FORCE MAJEURE: North Industrial Chemicals shall not be responsible for damages or delays caused by Force Majeure nor other events beyond its control, and which could not reasonably have been anticipated or prevented. For purposes of this agreement Force Majeure includes, but is not limited to adverse weather conditions, floods, epidemics, war, riot, strikes, lockouts and other industrial disturbances; unknown, site conditions, accidents, sabotage, fire, and acts of God

**Norweco, Inc.** - Non-Responsive, Did Not use Revised Form of Proposal

Item #15 - Bio-Sanitizer 100 lb. Drums 70% available SDS attached

**PVS Technologies, Inc.**

Item #3 - Recommended delivery window is 3-7 business days.

**Univar Solutions USA, Inc.**

Item #2 - Wet lb. Minimum 45,000 lbs. Deliveries are typically made during weekdays with two (2) hours of unloading time. Weekend and holiday deliveries are available for an additional charge. Additional unloading time will be billed at an additional \$150 per hour.

Item 9A - Minimum 2,000 Gallons

Item 9B - 2 Drum Minimum

Item #10 - 4 drum minimum Mix and match to full pallet deliveries 53 Gallon drum

Item #11 - We do not take back empty pails of Potassium permanganate. 2 drum minimum Carus CAIROX<sup>®</sup> Potassium Permanganate

Item #12 - 4 drum minimum Mix and match to full pallet deliveries

Item #13A - 5 pail minimum

Item #13B - 3 drum minimum

Item #15 - 24 pail minimum 60# Pail

Item #16 - Minimum 4 drums mix and match to full pallet deliveries 53 gallon Drum

Item #20 - 225 gallon Non returnable tote

Item #21 - Minimum 2 drums

Item #25 Minimum 7,000 Gallons FTL

Item #25 - Mark-up over Methanex September 2023 Methanex MND RP: \$1.55 / gallon = \$1.73/Gal

Item #30 - Minimum 2,000 gallons 7-10 Business days delivery

Item #31 - 265 Gallon Non returnable tote

Item #33 - Minimum order 98 bags

Item #35 - Minimum 8 cylinders

Item #36 - Minimum 8 cyliners

**Univar Solutions USA, Inc.** see Exceptions page

## JCI Chemicals, Inc.



### **BID ADDENDUM**

The chlorine Producers have declared Force Majeure a combined eleven times since 2021. Chlorine supply remains on strict allocation. In September 2022, all chlorine shipments in the nation were halted for a week, and were behind schedule for several more, due to the threat of a rail strike.

JCI has no control over raw material supply or its transportation, and we must ensure that we are not penalized should we be rendered unable to deliver by any disrupting event beyond our control.

Therefore, JCI must respectfully insist on including the following Force Majeure clause, or one of your choosing that is approved by JCI, as a term of our bid and any related contract that may be issued.

FORCE MAJEURE: JCI Jones Chemicals shall not be responsible for damages or delays caused by Force Majeure nor other events beyond its control and which could not reasonably have been anticipated or prevented. For purposes of this Agreement, Force Majeure includes, but is not limited to, adverse weather conditions, floods, epidemics, war, riot, strikes, lockouts, and other industrial disturbances; unknown site conditions, accidents, sabotage, fire, and acts of God.

Please note that Force Majeure is of no relation to pricing- it is supply related only. JCI's pricing and price terms will always remain as-bid regardless of Force Majeure status.

## Univar Solutions USA, Inc.

Univar Solutions USA Inc.  
200 Dean Sievers Place  
Morrisville, PA 19067-3700  
USA



T 215-428-6990  
F 215-337-6290  
[www.univar.com/us](http://www.univar.com/us)

### EXCEPTIONS

“Univar Solutions will provide Safety Data Sheets and emergency response information for Chemicals. Currently, we do not offer in-person safety training seminars or emergency response training. If awarded, Univar Solutions is open to working with municipalities on a sufficient training solution.”

Please note that we have taken exception and stricken the 4-hour response time item 5. Page 16 “As a Global Distributor we have two National Emergency response vendors that Cover us nationwide. Our national contracts with these two companies do not have provisions that require a specific response time. Therefore, we will not agree to the four hours. If an incident is caused by Univar Solutions, we would dispatch one of the national ER contractors ASAP after the incident. Most responses we call for help with are started within about 4 hours, but releases and emergencies are NOT scheduled in advance, so we are limited to the availability of subcontracted Emergency Response companies at the time we call.”

“Univar Solutions will provide Safety Data Sheets and emergency response information for Chlorine. We will also supply any additional safe handling / safe delivery documentation needed. Currently, we do not offer in-person safety training seminars or emergency response training. If awarded, Univar Solutions is open to working with City of Hagerstown on a sufficient training solution.

“While we will strive to provide you with the best service and support, current supply chain challenges prohibit us from promising you your requested 48-hour lead time. We promise to work with your operations team to ensure we stay ahead of your chemical needs and provide the best solutions to any unforeseen supply chain challenges. Five (5) – seven (7) Business days lead time is preferred.”

- Aqua Ammonia 19% Bulk. Minimum 45,000 lbs. Deliveries are typically made during weekdays with two (2) hours of unloading time. Weekend and holiday deliveries are available for an additional charge. Additional unloading time will be billed at an additional \$150 per hour. (2)
- Minimum 2,000 Gallons Sulfuric acid Bulk (9A)
- 2 drum Minimum Sulfuric acid drums (9B)
- We do not take back empty pails of Potassium permanganate (11)
- 4 drum Minimum Caustic 25% drums (12)
- 5 drum Min HFS 15 gal drums (13A)
- 3 drum Min HFS 55 gal drums (13B)
- 24 pail min Calcium Hypochlorite(15)
- 4 drum Minimum Sodium Hypochlorite 53 gallon drums (16)
- SBS 38% 225 gallon NR TOTE (20)
- DelPAC 2020 Minimum 2 drums (21)
- Methanol Minimum 7,000 gallons (25)
- Aluminum Sulfate Bulk Minimum 2,000 gallons 7-10 Business days delivery (30)
- Micro C 2000 265 GALLON NR TOTE (31)
- **Morton FKA Saver II bags Minimum 98 Bags (33)**
- **Chlorine 150# cylinders MOQ 8 cyl (35)**
- **Sulfur Dioxide 150# cylinders MOQ 8 cyl (36)**

<b><u>Product/ (Estimated Annual Usage)</u></b>	<b><u>Vendor</u></b>	<b><u>Unit Price</u></b>	<b><u>Unit of Measure</u></b>
<b>Item #9B</b> – Sulfuric Acid 93%-95% (330 Gallons )	Univar Solutions USA, Inc. Morrisville, PA	\$6.97/gal.	55-Gallon Drum
<b>Item #10</b> - Sodium Hypochlorite (5,500 Gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$5.08/gal.	55-Gallon Drum
<b>Item #11</b> – Potassium Permanganate (52,000 Pounds)	Univar Solutions USA, Inc. Morrisville, PA	\$4.83/lb.	55-Pound Pail
<b>Item #12</b> – Caustic Soda (Sodium Hydroxide) (6,050 Gallons)	Brenntag Northeast LLC Reading, PA	\$2.8675/gal.	55-Gallon Drum
<b>Item #13A</b> – Hydrofluosilic Acid (H <sub>2</sub> SiF <sub>6</sub> ) (75 Gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$12.00/gal.	15-Gallon Pail
<b>Item #13B</b> – Hydrofluosilic Acid (H <sub>2</sub> SiF <sub>6</sub> ) (165 Gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$5.50/gal.	55-Gallon Drum
<b>Item #14</b> – DelPac 2000 (Polyaluminum Chloride Hydroxide Sulfate Solution) (144,000 Pounds)	Kemira Water Solutions, Inc. Lawrence, KS	\$0.25/lb.	Bulk Pounds
<b>Item #16</b> – Sodium Hypochlorite (2,585 gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$5.08/gal.	55-Gallon Drum
<b>Item #17</b> – Cyanuric Acid (100-200 pounds)	NO BID	\$/lb.	Pound
<b>Item #18</b> – Calcium Chloride (500 – 600 pounds)	NO BID	\$/lb.	50-Pound Container

<b><u>Product/ (Estimated Annual Usage)</u></b>	<b><u>Vendor</u></b>	<b><u>Unit Price</u></b>	<b><u>Unit of Measure</u></b>
<b>Item #19</b> – Muriatic Acid (20-40 Pounds)	NO BID	\$/lb.	Pound
<b>Item #21</b> – DelPAC 2020 (Polyaluminum Hydroxychlorosulfate Solution) (3,080 Gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$4.75/gal	55-Gallon Drums
<b>Item #26</b> – Bacterial Enzymatic Powder (1,500 pounds)	Maryland Chemical Company, Inc. Baltimore, MD	\$9.00/lb.	50-Pound Containers
<b>Item #29</b> – DelPAC 2000 (Aluminum Chloride Hydroxide Sulfate) (220 gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$5.62/gal.	55-Gallon Drum
<b>Item #30</b> – Liquid Aluminum Sulfate (10,000 gallons)	Univar Solutions USA, Inc. Morrisville, PA	\$2.10/gal.	Gallon Bulk
<b>Item #31</b> - MicroC 2000 (11,520 gallons)	George S. Coyne Chemical Co, Inc. Croydon, PA	\$4.20/gal.	240-Gallon Totes
<b>Item #34</b> – Magnetite	NO BID	\$/lb.	Pound