



The Public Health and Safety Organization

## NSF Product and Service Listings

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### NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

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#### Harcros Chemicals Inc.

5200 Speaker Road  
P.O. Box 2930  
Kansas City, KS 66110  
United States  
913-321-3131  
[Visit this company's website](#)

**Facility :** # 2 USA

#### Sodium Hypochlorite[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach 10%	Disinfection & Oxidation	105mg/L
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Facility :** Bessemer, AL

#### Aluminum Sulfate[AL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Activated Alum	Coagulation & Flocculation	150mg/L

Alum	Coagulation & Flocculation	150mg/L
Aluminum Sulfate	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

#### Hydrofluosilicic Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluosilicic Acid	Fluoridation	6mg/L
Fluosilicic Acid	Fluoridation	6mg/L
HFS	Fluoridation	6mg/L
Hydrofluorosilicic Acid	Fluoridation	6mg/L
Hydrofluosilicic Acid	Fluoridation	6mg/L

#### Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L

#### Sodium Hypochlorite[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach 10%	Disinfection & Oxidation	105mg/L
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### Facility : Muscle Shoals, AL

#### Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda		100 mg/L

Corrosion & Scale Control  
pH Adjustment

**Facility :** Tampa, FL

**Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
AQUACROS HC-2030	Corrosion & Scale Control	28mg/L
AQUACROS HC-2050	Corrosion & Scale Control	28mg/L
AQUACROS HC-2060	Corrosion & Scale Control	28mg/L
AQUACROS HC-2075	Corrosion & Scale Control	28mg/L
AQUACROS HC-2090	Corrosion & Scale Control	28mg/L
AQUACROS HC-2098	Corrosion & Scale Control	26mg/L
AQUACROS HC-3850	Corrosion & Scale Control	10mg/L
AQUACROS HC-3870	Corrosion & Scale Control	10mg/L
Aquacros HC 2030 PLUS	Corrosion & Scale Control	28mg/L

**Citric Acid[1] [2]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Citric Acid Solution	Membrane Cleaner	NA

[1] This product is designed to be used off-line and flushed out prior to using the system for drinking water, following manufacturer's use instructions.

[2] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

**Hydrochloric Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid	Corrosion & Scale Control	40mg/L
Muriatic Acid	Corrosion & Scale Control	40mg/L

**Hydrofluosilicic Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluorosilicic Acid	Fluoridation	6mg/L
Fluosilicic Acid	Fluoridation	6mg/L
HFS	Fluoridation	6mg/L
Hydrofluorosilicic Acid	Fluoridation	6mg/L
Hydrofluosilicic Acid	Fluoridation	6mg/L

**Miscellaneous Water Supply Products[1] [2]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
HARCROS AQUACROS MC	Membrane Cleaner	NA

[1] This product is designed to be used off-line and flushed out prior to using the system for drinking water, following manufacturer's use instructions.

[2] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

**Polyacrylamide[PC]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
HARCROS PWT 3001	Coagulation & Flocculation	1mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

**Sodium Bisulfite[3]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Bisulfite Solution	Dechlorination	50mg/L

[3] This product contains sulfite. Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals. The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda	Corrosion & Scale Control	100 mg/L

**Sodium Hypochlorite[4] [CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hypochlorite (10%)	Disinfection & Oxidation	98 mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	78mg/L

[4] The Certification of this product has been restricted to maximum use level (MUL) that is less than the 10 ppm typical use level of chlorine specified for hypochlorite products under NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Sulfuric Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
FBS Sulfuric Acid 66BE	pH Adjustment	50mg/L
Sulfuric Acid 78%	pH Adjustment	50mg/L
Sulfuric Acid 93% 66BE	pH Adjustment	50mg/L
Sulfuric Acid 98%	pH Adjustment	50mg/L

**Facility : Dalton, GA****Aluminum Chlorohydrate[AL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Aluminum Chlorohydrate Solution	Coagulation & Flocculation	250mg/L
H-PAC 4017	Coagulation & Flocculation	250mg/L

H-PAC 5517	Coagulation & Flocculation	250mg/L
H-PAC 6517	Coagulation & Flocculation	250mg/L
H-PAC 8323	Coagulation & Flocculation	250mg/L
Harcro PWT 1010	Coagulation & Flocculation	250mg/L
Polyaluminum Chloride	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

#### **Polyaluminum Chloride[AL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Aluminum Chlorohydrate Solution	Coagulation & Flocculation	250mg/L
H-PAC 4017	Coagulation & Flocculation	250mg/L
H-PAC 5517	Coagulation & Flocculation	250mg/L
H-PAC 6517	Coagulation & Flocculation	250mg/L
H-PAC 8323	Coagulation & Flocculation	250mg/L
Harcro PWT 1010	Coagulation & Flocculation	250mg/L
Polyaluminum Chloride	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

#### **Polyaluminum Hydroxychlorosulfate[AL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Aluminum Chloride Hydroxide Sulfate	Coagulation & Flocculation	250mg/L
H-PAC 5512S	Coagulation & Flocculation	350mg/L
H-PAC 5517S	Coagulation & Flocculation	250mg/L
H-PAC 7012S	Coagulation & Flocculation	350mg/L
H-PAC 7017S	Coagulation & Flocculation	250mg/L
H-PAC 8323S	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

#### **Polymer Blends[AL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
H-PAC E5512	Coagulation & Flocculation	350mg/L
H-PAC E5516	Coagulation & Flocculation	250mg/L
H-PAC E7012	Coagulation & Flocculation	350mg/L
H-PAC E7016	Coagulation & Flocculation	250mg/L
H-PAC E8320	Coagulation & Flocculation	250mg/L
H-PAC E8323	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

**Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Facility : Davenport, IA****Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
AQUACROS HC-2030	Corrosion & Scale Control	28mg/L
AQUACROS HC-2050	Corrosion & Scale Control	28mg/L
AQUACROS HC-2060	Corrosion & Scale Control	28mg/L
AQUACROS HC-2075	Corrosion & Scale Control	28mg/L

**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Liq 25%	Corrosion & Scale Control pH Adjustment	200mg/L

**Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Facility : Kansas City, KS****Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
AQUACROS HC-2090	Corrosion & Scale Control	28mg/L

**Hydrochloric Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid	Corrosion & Scale Control	40mg/L
Inhibited Muriatic Acid 20 Be	Corrosion & Scale Control	40mg/L
Muriatic Acid	Corrosion & Scale Control	40mg/L

**Poly (Diallyldimethylammonium Chloride)(pDADMAC)**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
D-Floc 2050	Coagulation & Flocculation	25mg/L
Harcros PWT 2050	Coagulation & Flocculation	25mg/L

**Polymer Blends[AL] [CP]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
D-Floc 1800-1899	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

[CP] The finished drinking water shall be monitored to ensure that levels of copper do not exceed 1.3 mg/L.

**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda	pH Adjustment Corrosion & Scale Control	100mg/L

**Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach (10%)	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite (10%)	Disinfection & Oxidation	105mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Sulfuric Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
30% Sulfuric Acid	pH Adjustment	130mg/L
Sulfuric Acid 66BE	pH Adjustment	50mg/L
Sulfuric Acid, Battery Acid	pH Adjustment	50mg/L

NOTE: All Listed products from this facility are NSF Certified, whether or not they bear the NSF Mark.

**Facility : St. Gabriel, LA****Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda	Corrosion & Scale Control	100 mg/L

**Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hypochlorite (10%)	Disinfection & Oxidation	105 mg/L
Sodium Hypochlorite (12.5%)	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### **Facility : Westbrook, ME**

##### **Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach 10%	Disinfection & Oxidation	105mg/L
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### **Facility : St. Paul, MN**

##### **Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Cortec HC-2030	Corrosion & Scale Control	28mg/L
Cortec HC-2050	Corrosion & Scale Control	28mg/L
Cortec HC-2060	Corrosion & Scale Control	28mg/L
Cortec HC-2075	Corrosion & Scale Control	28mg/L
Cortec HC-2090	Corrosion & Scale Control	28mg/L
HC 2075	Corrosion & Scale Control	28mg/L
HC 3870	Corrosion & Scale Control	10mg/L

#### **Facility : Vicksburg, MS**

##### **Citric Acid[1] [2]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Citric Acid Solution	Membrane Cleaner	N/A

[1] This product is designed to be used off-line and flushed out prior to using the system for drinking water, following the manufacturer's use instructions.



[2] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

**Facility : Omaha, NE**

**Sodium Hypochlorite[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Facility : Nashua, NH**

**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	pH Adjustment	200mg/L
	Corrosion & Scale Control	
Sodium Hydroxide 25%	pH Adjustment	200mg/L
	Corrosion & Scale Control	

**Facility : Thomasville, NC**

**Hydrofluosilicic Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluosilicic Acid 23%	Fluoridation	6 mg/L
Hydrofluosilicic Acid 23%	Fluoridation	6 mg/L

**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion & Scale Control	200 mg/L
Caustic Soda 50%	Corrosion & Scale Control	100 mg/L
NaOH 50%	Corrosion & Scale Control	100 mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200 mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100 mg/L

**Facility : Memphis, TN**

**Chlorine[CL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### **Sodium Hydroxide**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Caustic Soda	Corrosion & Scale Control	100 mg/L

#### **Sodium Hypochlorite[CL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Bleach 10%	Disinfection & Oxidation	105mg/L
Bleach 12.5%	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### **Facility : Nashville, TN**

#### **Sodium Hydroxide**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Sodium Hydroxide 20%	pH Adjustment Corrosion & Scale Control	250mg/L
Sodium Hydroxide 25%	pH Adjustment Corrosion & Scale Control	200mg/L
Sodium Hydroxide 50%	pH Adjustment Corrosion & Scale Control	100mg/L

#### **Sodium Hypochlorite[CL]**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
BLEACH	Disinfection & Oxidation	84mg/L
SODIUM HYPOCHLORITE 12.5%	Disinfection & Oxidation	84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

#### **Sulfuric Acid**

<b>Trade Designation</b>	<b>Product Function</b>	<b>Max Use</b>
Sulfuric Acid 66 deg Be	pH Adjustment	50mg/L

Sulfuric Acid 93-95%	pH Adjustment	50mg/L
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**Facility :** Dallas, TX

**Sodium Hydroxide**

**Trade Designation**

Caustic Soda

**Product Function**

Corrosion & Scale Control  
pH Adjustment

**Max Use**

100 mg/L

**Sodium Hypochlorite[CL]**

**Trade Designation**

Sodium Hypochlorite 10%

Sodium Hypochlorite 12.5%

**Product Function**

Disinfection & Oxidation  
Disinfection & Oxidation

**Max Use**

105 mg/L

84mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

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Number of matching Manufacturers is 1

Number of matching Products is 139

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