



OFFICIAL LISTING

NSF International Certifies that the products appearing on this Listing conform to the requirements of NSF/ANSI Standard 60 - Drinking Water Treatment Chemicals - Health Effects

This is the Official Listing recorded on June 28, 2012.

Harcros Chemicals Inc.
5200 Speaker Road
P.O. Box 2930
Kansas City, KS 66110
913-621-7844

Facility: # 2 USA

Chemical/ Trade Designation	Function	Max Use
Sodium Hypochlorite [CL]		
Bleach 10%	Disinfection & Oxidation	105 mg/L
Bleach 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105 mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 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.

Facility: Nashville, TN

Chemical/ Trade Designation	Function	Max Use
Sodium Hydroxide		
Sodium Hydroxide 20%	Corrosion & Scale Control pH Adjustment	250 mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control pH Adjustment	200 mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hypochlorite [CL]		
BLEACH	Disinfection & Oxidation	84 mg/L
SODIUM HYPOCHLORITE 12.5%	Disinfection & Oxidation	84 mg/L
Sulfuric Acid		
Sulfuric Acid 66 deg Be	pH Adjustment	50 mg/L
Sulfuric Acid 93-95%	pH Adjustment	50 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.

Facility: Vicksburg, MS

Chemical/ Trade Designation	Function	Max Use
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Facility: Tampa, FL

Chemical/ Trade Designation	Function	Max Use	
Blended Phosphates			
AQUACROS HC-2030	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2050	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2060	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2075	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2090	Corrosion & Scale Control	28	mg/L
AQUACROS HC-3850	Corrosion & Scale Control	10	mg/L
AQUACROS HC-3870	Corrosion & Scale Control	10	mg/L
Hydrofluosilicic Acid			
Fluorosilicic Acid	Fluoridation	6	mg/L
Fluosilicic Acid	Fluoridation	6	mg/L
HFS	Fluoridation	6	mg/L
Hydrofluorosilicic Acid	Fluoridation	6	mg/L
Hydrofluosilicic Acid	Fluoridation	6	mg/L
Polyacrylamide [PC]			
HARCROS PWT 3001	Coagulation & Flocculation	1	mg/L
Sodium Bisulfite [1]			
Sodium Bisulfite Solution	Dechlorination	50	mg/L
Sodium Hydroxide			
Caustic Soda	Corrosion & Scale Control	100	mg/L
Sodium Hypochlorite [CL]			
Sodium Hypochlorite 10%	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	mg/L

[1] 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).

[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.

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

Facility: Muscle Shoals, AL

Chemical/ Trade Designation	Function	Max Use	
Chlorine [CL]			
Chlorine	Disinfection & Oxidation	30	mg/L
Sodium Hydroxide			
Caustic Soda	Corrosion & Scale Control pH Adjustment	100	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.

Facility: Dallas, TX

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Chemical/ Trade Designation	Function	Max Use	
Sodium Hydroxide			
Caustic Soda	Corrosion & Scale Control pH Adjustment	100	mg/L
Sodium Hypochlorite [CL]			
Sodium Hypochlorite 10%	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	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.

Facility: Nashua, NH

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

Facility: Davenport, IA

Chemical/ Trade Designation	Function	Max Use	
Blended Phosphates			
AQUACROS HC-2030	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2050	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2060	Corrosion & Scale Control	28	mg/L
AQUACROS HC-2075	Corrosion & Scale Control	28	mg/L
Sodium Hydroxide			
Caustic Soda Liq 25%	Corrosion & Scale Control pH Adjustment	200	mg/L
Sodium Hypochlorite [CL]			
Sodium Hypochlorite 10%	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	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.

Facility: Kansas City, KS

Chemical/ Trade Designation	Function	Max Use	
Blended Phosphates			
AQUACROS HC-2090	Corrosion & Scale Control	28	mg/L
Hydrochloric Acid			
Hydrochloric Acid	Corrosion & Scale Control	40	mg/L
Muriatic Acid	Corrosion & Scale Control	40	mg/L
Muriatic Acid - Inhibited	Corrosion & Scale Control	40	mg/L
Poly (Diallyldimethylammonium Chloride)(pDADMAC) [PD]			

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D-Floc 2050	Coagulation & Flocculation	25	mg/L
Harcros PWT 2050	Coagulation & Flocculation	25	mg/L
Polymer Blends [AL] [CP] [PD]			
D-Floc 1800-1899	Algicide	150	mg/L
	Coagulation & Flocculation		
Sodium Hydroxide			
Caustic Soda	Corrosion & Scale Control	100	mg/L
	pH Adjustment		
Sodium Hypochlorite [CL]			
Bleach (10%)	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite (10%)	Disinfection & Oxidation	105	mg/L
Sulfuric Acid			
30% Sulfuric Acid	pH Adjustment	130	mg/L
Sulfuric Acid 66BE	pH Adjustment	50	mg/L
Sulfuric Acid, Battery Acid	pH Adjustment	50	mg/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.

[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.

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

[PD] Certification is based on a maximum carryover of 50 ug/L DADMAC polymer.

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

Facility: Fairmont City, IL

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

Facility: St. Paul, MN

Chemical/ Trade Designation	Function	Max Use	
Blended Phosphates			
Cortec HC-2030	Corrosion & Scale Control	28	mg/L
Cortec HC-2050	Corrosion & Scale Control	28	mg/L
Cortec HC-2060	Corrosion & Scale Control	28	mg/L
Cortec HC-2075	Corrosion & Scale Control	28	mg/L
Cortec HC-2090	Corrosion & Scale Control	28	mg/L
HC 2075	Corrosion & Scale Control	28	mg/L
HC 3870	Corrosion & Scale Control	10	mg/L

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Facility: Dalton, GA

Chemical/ Trade Designation	Function	Max Use	
Aluminum Chloride [AL]			
Aluminum Chloride Solution	Coagulation & Flocculation	250	mg/L
H-PAC 0010	Coagulation & Flocculation	250	mg/L
Aluminum Chlorohydrate [AL]			
Aluminum Chlorohydrate Solution	Coagulation & Flocculation	250	mg/L
H-PAC 4017	Coagulation & Flocculation	250	mg/L
H-PAC 5517	Coagulation & Flocculation	250	mg/L
H-PAC 6517	Coagulation & Flocculation	250	mg/L
H-PAC 8323	Coagulation & Flocculation	250	mg/L
Harcro PWT 1010	Coagulation & Flocculation	250	mg/L
Polyaluminum Chloride	Coagulation & Flocculation	250	mg/L
Polyaluminum Chloride [AL]			
Aluminum Chlorohydrate Solution	Coagulation & Flocculation	250	mg/L
H-PAC 4017	Coagulation & Flocculation	250	mg/L
H-PAC 5517	Coagulation & Flocculation	250	mg/L
H-PAC 6517	Coagulation & Flocculation	250	mg/L
H-PAC 8323	Coagulation & Flocculation	250	mg/L
Harcro PWT 1010	Coagulation & Flocculation	250	mg/L
Polyaluminum Chloride	Coagulation & Flocculation	250	mg/L
Polyaluminum Hydroxychlorosulfate [AL]			
Aluminum Chloride Hydroxide Sulfate	Coagulation & Flocculation	250	mg/L
H-PAC 5512S	Coagulation & Flocculation	350	mg/L
H-PAC 5517S	Coagulation & Flocculation	250	mg/L
H-PAC 7012S	Coagulation & Flocculation	350	mg/L
H-PAC 7017S	Coagulation & Flocculation	250	mg/L
Sodium Hypochlorite [CL]			
Bleach 12.5%	Disinfection & Oxidation	84	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	mg/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.

[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

Chemical/ Trade Designation	Function	Max Use	
Sodium Hypochlorite [CL]			
Bleach 10%	Disinfection & Oxidation	105	mg/L
Bleach 12.5%	Disinfection & Oxidation	84	mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	mg/L

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[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

Chemical/ Trade Designation	Function	Max Use	
Aluminum Sulfate [AL]			
Activated Alum	Coagulation & Flocculation	150	mg/L
Alum	Coagulation & Flocculation	150	mg/L
Aluminum Sulfate	Coagulation & Flocculation	150	mg/L
Hydrofluosilicic Acid			
Fluorosilicic Acid	Fluoridation	6	mg/L
Fluosilicic Acid	Fluoridation	6	mg/L
HFS	Fluoridation	6	mg/L
Hydrofluorosilicic Acid	Fluoridation	6	mg/L
Hydrofluosilicic Acid	Fluoridation	6	mg/L
Sodium Hypochlorite [CL]			
Bleach 10%	Disinfection & Oxidation	105	mg/L
Bleach 12.5%	Disinfection & Oxidation	84	mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105	mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84	mg/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.

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