

The Public Health and Safety Organization

## **NSF Product and Service Listings**

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

## Hill Brothers Chemical Company

3000 East Birch Street Suite 108 Brea, CA 92821 United States 714-998-8800

Facility: Phoenix, AZ

**Calcium Chloride** 

Trade DesignationProduct FunctionMax UseHICO Liquid Calcium ChlorideDefluoridation200mg/L

Softener

Liquid Calcium Chloride 30-38% Softener 200mg/L

Defluoridation

Chlorine[CL]

Trade DesignationProduct FunctionMax UseChlorine GasDisinfection & Oxidation30 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.

#### Ferric Chloride

Trade Designation	Product Function	Max Use
Ferric Chloride 42 BE	Coagulation & Flocculation	250mg/L

#### **Ferrous Chloride**

Trade Designation	Product Function	Max Use
Ferrous Chloride	Coagulation & Flocculation	250mg/L

### **Sodium Hydroxide**

Trade Designation	Product Function	Max Use
Liquid Caustic Soda, 25%	pH Adjustment	200 mg/L
Liquid Caustic Soda, 30%	pH Adjustment	167 mg/L
Liquid Caustic Soda, 33%	pH Adjustment	152 mg/L
Liquid Caustic Soda, 50%	pH Adjustment	100 mg/L

#### Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
12.5% Liquid Bleach	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite - 12.5%	Disinfection & Oxidation	84mg/L
Sodium hypochlorite 5.25%	Disinfection & Oxidation	200mg/L

[HY] 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. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

#### **Sulfuric Acid**

Trade Designation	Product Function	Max Use
Sulfuric Acid 40%	Corrosion & Scale Control	103mg/L
	pH Adjustment	
Sulfuric Acid 50%	Corrosion & Scale Control	92mg/L
	pH Adjustment	
Sulfuric Acid 66 Baume	Corrosion & Scale Control	50mg/L
	pH Adjustment	
Sulfuric Acid 93%	Corrosion & Scale Control	50mg/L
	pH Adjustment	

Facility: Industry, CA

Ammonia, Anhydrous		
Trade Designation	Product Function	Max Use
Ammonia Gas	Disinfection & Oxidation	5mg/L
	Ozone Reduction	
Anhydrous Ammonia	Disinfection & Oxidation	5mg/L
	Ozone Reduction	
Ammonium Hydroxide		
Trade Designation	Product Function	Max Use
Ammonium Hydroxide 19%	Disinfection & Oxidation	26mg/L
Ammonium Hydroxide 20%	Disinfection & Oxidation	25mg/L
Ammonium Hydroxide 24.5%	Disinfection & Oxidation	20mg/L
Ammonium Hydroxide 29.45%	Disinfection & Oxidation	17mg/L
Aqua Ammonia 20%	Disinfection & Oxidation	25mg/L
Aqua Ammonia 24.5%	Disinfection & Oxidation	20mg/L
Aqua Ammonia 26 BE	Disinfection & Oxidation	17mg/L
Ammonium Sulfate		
Trade Designation	Product Function	Max Use
Ammonium Sulfate 40% Solution	Chloramination	60mg/L
	Disinfection & Oxidation	
Liquid Ammonium Sulfate 40%	Chloramination	60mg/L
	Disinfection & Oxidation	
Calcium Chloride		
Trade Designation	Product Function	Max Use

Facility: San Jose, CA

HICO Liquid Calcium Chloride

Liquid Calcium Chloride 30-38%

Ammonia, Anhydrous		
Trade Designation	Product Function	Max Use
Ammonia Gas	Disinfection & Oxidation	5mg/L
	Ozone Reduction	
Anhydrous Ammonia	Disinfection & Oxidation	5mg/L
	Ozone Reduction	

Defluoridation

Defluoridation

Softener

Softener

Ammonium Hydroxide

Trade Designation Product Function Max Use

200mg/L

200mg/L

Ammonium Hydroxide 19%	Disinfection & Oxidation	26 mg/L
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Ammonium Hydroxide 20%	Disinfection & Oxidation	25 mg/L
Ammonium Hydroxide 24.5%	Disinfection & Oxidation	20 mg/L
Ammonium Hydroxide 29.45%	Disinfection & Oxidation	17 mg/L
Aqua Ammonia 20%	Disinfection & Oxidation	25 mg/L
Aqua Ammonia 24.5%	Disinfection & Oxidation	20 mg/L
Aqua Ammonia 26 BE	Disinfection & Oxidation	17 mg/L

### **Ammonium Sulfate**

Trade Designation	Product Function	Max Use
Ammonium Sulfate 40% Solution	Chloramination	60mg/L
	Disinfection & Oxidation	
Liquid Ammonium Sulfate 40%	Chloramination	6omg/L
	Disinfection & Oxidation	

#### **Calcium Chloride**

Trade Designation	Product Function	Max Use
HICO Liquid Calcium Chloride 200	Defluoridation	200mg/L
	Softener	
Liquid Calcium Chloride 30-38%	Softener	200mg/L
	Defluoridation	

Number of matching Manufacturers is 1 Number of matching Products is 42 Processing time was 0 seconds