




## SAFETY DATA SHEET

### 1. Identification

<b>GHS product identifier</b>	<b>P&amp;G Purifier of Water</b>	
<b>Product Code</b>	95605719 (Formulation number)	
<b>Version #</b>	01	
<b>Issue date</b>	06-12-2015	
<b>Product use</b>	In the United States, this product is an EPA FIFRA registered pesticide, EPA Reg No. 3573-90.	
<b>Recommended Restrictions</b>	Not available.	
<b>Manufacturer</b>	The Procter & Gamble Company P&G Children's Safe Drinking Water 1 P&G Plaza Cincinnati, Ohio 24202 For Quality Service or Product Related Questions Call: 1-800-477-8899 PGChemMSDS.IM@pg.com For Emergency Contact CHEMTREC: 1-800-424-9300 U.S. and Canada For Calls Originating Elsewhere CHEMTREC: 1-703-527-3887	

### 2. Hazards identification

<b>GHS classification</b>		
<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
<b>Environmental hazards</b>	Not classified.	
<b>GHS label elements</b>		
<b>Signal words</b>	Warning	
<b>Symbols</b>		
<b>Hazard statement</b>	Causes serious eye irritation. Causes skin irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	(Applicable for bulk handling/Industrial setting only.) Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.	
<b>Storage</b>	None.	
<b>Disposal</b>	None.	
<b>Specific hazards</b>	This mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.	

### 3. Composition/information on ingredients

Constituents	CAS #	Percent
IRON(III) SULFATE HYDRATE	10028-22-5	30 - 40
SODIUM CARBONATE	497-19-8	20 - 25
CALCIUM HYPOCHLORITE	7778-54-3	<= 0.8

**Composition comments** These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section II of this SDS.

### 4. First aid measures

#### First aid procedures

<b>Eye</b>	Flush eyes with water for 15 minutes. Get medical attention if irritation develops or persists.
<b>Skin</b>	Remove contaminated clothing. Immediately flush skin with water for 15 minutes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	If inhalation causes irritation, remove to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**Notes to physician** Not available.

**General advice** Have the product container or label with you when consulting a poison control center or doctor, or going for treatment.

### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Dry chemical or CO2. Water spray.
<b>Unsuitable extinguishing media</b>	None known.

#### Protection of firefighters

<b>Specific hazards arising from the chemical</b>	None known.
<b>Protective equipment and precautions for firefighters</b>	None known.

**Fire fighting equipment/instructions** None known.

### 6. Accidental release measures

**Personal precautions** Avoid contact with eyes and prolonged skin contact.

**Environmental precautions** Contain spilled material. This material is not known to possess additional hazards when spilled, beyond those of other non-hazardous solids.

**Methods for containment** Collect spillage.

**Methods for cleaning up** Industrial: Contain spilled material. If excessive dust is created, wear respirator.  
Household: Product used in household may be disposed of in refuse or sewer.

### 7. Handling and storage

**Handling** Avoid contact with eyes, skin, and clothing. Avoid breathing dust.

**Storage** Keep out of reach of children. Store in a clean, dry, well ventilated place. Store away from heat, humidity and sunlight.

### 8. Exposure controls / personal protection

#### Control parameters

**ACGIH**  
No relevant exposure guidelines for ingredients.

## U.S. - OSHA

No relevant exposure guidelines for ingredients.

<b>Engineering controls</b>	Mechanical ventilation or local exhaust ventilation may be required.
<b>Personal protective equipment</b>	
<b>General</b>	This section only applies when used in an industrial setting.
<b>Eye/face protection</b>	Chemical goggles are needed to avoid eye hazard.
<b>Skin protection</b>	Neoprene gloves are recommended.
<b>Respiratory protection</b>	If dust levels are above exposure guidelines, use approved air purifying respirator with combination cartridge for dust and acid-gas.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	None known.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Color</b>	Off white to yellow or light brown
<b>Form</b>	Powder.
<b>Odor</b>	Chlorine.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.0 in 1% solution
<b>Melting point/Freezing point</b>	Not Applicable.
<b>Boiling point</b>	Not Applicable.
<b>Flash point</b>	Not Applicable.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not Applicable.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility (H<sub>2</sub>O)</b>	Not soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not Applicable.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

## 10. Stability and reactivity

<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Not available.
<b>Incompatible materials</b>	Avoid contact with Ammonia.
<b>Hazardous decomposition products</b>	None known.

## 11. Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Indigestion or diarrhea, mild mucous membrane irritant.
<b>Inhalation</b>	Mild to moderate irritation of the mucous membranes.
<b>Skin contact</b>	Mild to moderate irritation.
<b>Eye contact</b>	Mild to moderate irritation.
<b>Sensitization</b>	Not classified.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Mutagenicity</b>	Not classified.
<b>Reproductive effects</b>	Contains no ingredient listed as toxic to reproduction
<b>Teratogenicity</b>	Not classified.
<b>Skin corrosion/irritation</b>	Causes irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Specific target organ toxicity - single exposure</b>	No target organs reported.
<b>Specific target organ toxicity - repeated exposure</b>	No target organs reported.
<b>Other information</b>	This mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

## 12. Ecological information

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	Not available.

## 13. Disposal considerations

<b>Disposal methods</b>	Product used in household may be disposed of in refuse or sewer. Discard floc/sediment/particulates from the water treatment process in the latrine [toilet] [utility sink] or on the ground away from children and animals. Dispose of contents/container in accordance with local/regional/national/international regulations.
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## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

## 15. Regulatory information

### US federal regulations

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

WARNING: [Dry product] Causes substantial but temporary eye injury. Harmful if absorbed through skin or if swallowed. Avoid contact with skin or clothing. Do not get in eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Contains iron sulphate (352 mg ferric iron).

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance**  
No

**Section 311 hazardous chemical**  
Yes

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

### State regulations

California: This product has been reviewed and does not require warning labeling under California Proposition 65.

#### US - New Jersey RTK - Substances: Listed substance

CALCIUM HYPOCHLORITE (CAS 7778-54-3)	Listed.
IRON(III) SULFATE HYDRATE (CAS 10028-22-5)	Listed.
POTASSIUM PERMANGANATE (CAS 7722-64-7)	Listed.

#### US - Pennsylvania RTK - Hazardous Substances: Listed substance

CALCIUM HYPOCHLORITE (CAS 7778-54-3)	Listed.
IRON(III) SULFATE HYDRATE (CAS 10028-22-5)	Listed.
POTASSIUM PERMANGANATE (CAS 7722-64-7)	Listed.

## 16. Other information

### Further information

In the United States, this product is an EPA FIFRA registered pesticide, EPA Reg No. 3573-90.

### HMIS® ratings

Health: 1  
Flammability: 0  
Physical hazard: 0

### NFPA ratings

Health: 1  
Flammability: 0  
Instability: 0

**Disclaimer**

The submission of the SDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product.

**This data sheet contains changes from the previous version in section(s):**

Product and Company Identification: Product and Company Identification  
Composition / Information on Ingredients: Potential Compounds Formed  
Physical & Chemical Properties: Multiple Properties  
Regulatory Information: United States