

SAFETY DATA SHEET

DRY CHLORINE

1. Product and Company Identification

Product Code:	89350	Revision:	02/07/2018
Product Name:	DRY CHLORINE	Supersedes Revision:	01/15/2015
 Manufacturer Information:			
Company Name:	PDQ Manufacturing, Inc. 201 Victory Circle Ellijay, GA 30540	Phone Number:	(706)636-1848
Web site address:	www.pdqonline.com		
Emergency Contact Information:	Chemtrec, Reference: CCN203605 info@pdqonline.com		(800)424-9300 (706)636-1848
Supplier Name and Address:	Fuller Commercial Products		
Company Name:	One Fuller Way Great Bend, KS 67530	Phone Number:	(800) 810-4829

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2



GHS Signal Word:	Warning
GHS Hazard Phrases:	H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
GHS Precaution Phrases:	P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/eye protection.
GHS Response Phrases:	P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician. P337+313 - If eye irritation persists, get medical advice/attention. P391 - Collect spillage.
GHS Storage and Disposal Phrases:	P501 - Dispose of contents/container to trash after rinsing container.
Potential Health Effects (Acute and Chronic):	
Inhalation:	Harmful if inhaled. May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation.
Skin Contact:	Contact with skin causes irritation and possible burns, especially if the skin is wet or moist.
Eye Contact:	Lachrymator (substance which increases the flow of tears). Contact with eyes may cause severe irritation, and possible eye burns.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause severe digestive tract irritation with abdominal pain, vomiting and diarrhea.

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3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7757-82-6	Sodium sulfate	30.0 -40.0 %
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt {Dichloroisocyanuric acid sodium salt dihydrate}	<12.0 %

4. First Aid Measures**Emergency and First Aid****Procedures:**

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. Get medical aid immediately. If victim is fully conscious, give a cupful of water.
Note to Physician:	None known.

5. Fire Fighting Measures

Flash Pt:	No data.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Water is a suitable extinguishing media. Do not use dry chemical extinguisher containing ammonia compounds.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Oxidizer. Greatly increases the burning rate of combustible materials.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid runoff into storm sewers and ditches which lead to waterways.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Minimize dust generation and accumulation. Do not ingest or inhale. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Keep from contact with clothing and other combustible materials.
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Precautions To Be Taken in Storing: Store in a cool, dry place. Store in a tightly closed container. Keep away from acids.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7757-82-6	Sodium sulfate	No data.	No data.	No data.
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt {Dichloroisocyanuric acid sodium salt dihydrate}	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States:	[] Gas	[] Liquid	[X] Solid
Appearance and Odor:	White granular solid. chlorine-like.		
Melting Point:	NA		
Boiling Point:	NA		
Decomposition Temperature:	NA		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	No data.		
Density:	71 - 79 LB/CF		
Vapor Pressure (vs. Air or mm Hg):	NP		
Vapor Density (vs. Air = 1):	NP		
Evaporation Rate:	NP		
Solubility in Water:	100%		
Saturated Vapor Concentration:	NP		
Viscosity:	NP		
pH:	> 7		
Percent Volatile:	< 1.0 % by weight.		
VOC / Volume:	0.0000 G/L		

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10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, dust generation, Excess heat, Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.
Incompatibility - Materials To Avoid:	Acids, Strong acids. Metals. fluorine, Hydrogen peroxide, phosphorus pentoxide, 6-trinitrotoluene. Incompatible with alkalies, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. Aluminum, magnesium, Strong reducing agents, organic matter.
Hazardous Decomposition or Byproducts:	Carbon monoxide, Carbon dioxide, oxides of sulfur, sodium oxide. Hydrogen chloride, chlorine, Nitrogen oxides, Toxic fumes of sodium oxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7757-82-6	Sodium sulfate	n.a.	n.a.	n.a.	n.a.
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt {Dichloroisocyanuric acid sodium salt dihydrate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7757-82-6	Sodium sulfate	No	No	No
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt {Dichloroisocyanuric acid sodium salt dihydrate}	No	No	No

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CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7757-82-6	Sodium sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt {Dichloroisocyanuric acid sodium salt dihydrate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No

16. Other Information

Revision Date: 02/07/2018
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
REACTIVITY		2
PPE		B

HMIS:

Additional Information About This Product: No data available.

Company Policy or

Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.