

# SAFETY DATA SHEET

## Chlorinating Composition Powder

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### 1. Product and Company Identification

**Product Code:** CHLOR. COMP. PR  
**Product Name:** Chlorinating Composition Powder  
**Company Name:** Casco Products Company, Inc.  
P.O. Drawer 850  
Brookhaven, MS 39602  
**Email address:** cascoproducts@bellsouth.net  
**Emergency Contact:** Chemtrec (800)424-9300  
Casco (601)833-8699  
**Information:** Casco (601)833-8699

### 2. Hazards Identification

**Serious Eye Damage/Eye Irritation, Category 2A**  
**Aquatic Toxicity (Acute), Category 2**  
**Aquatic Toxicity (Chronic), Category 2**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** H319: Causes serious eye irritation.  
H401: Toxic to aquatic life.  
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/protective clothing/eye protection/face 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.  
P337+313: If eye irritation persists, get medical advice/attention.  
P391: Collect spillage.

**GHS Storage and Disposal Phrases:** P501: Dispose of contents/container to landfills according to Federal, State and Local regulations.

**Potential Health Effects (Acute and Chronic):** Skin: This material is irritating to the skin. Direct contact with wet material or by moist skin may cause severe irritation, pain and possibly burns.  
Eye: This material is corrosive to the eye. Direct contact may cause severe irritation pain and burns, possibly severe, and permanent damage including blindness. The degree of injury depends on the concentration and duration of contact.  
Ingestion: Harmful if swallowed. Ingestion may cause immediate pain and severe burns of mucous membranes.  
Inhalation: May cause severe irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes.

**Inhalation:** May cause severe irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes.

**Skin Contact:** Irritation of the skin, pain and possibly burns.

**Eye Contact:** Corrosive to the eye. Severe irritation, pain, possibly burns and permanent damage including blindness.

**Ingestion:** Immediate pain and severe burns of the mucous membranes.

**Medical Conditions Generally Aggravated By Exposure:** Asthma  
Pregnant women should avoid chemical exposures.

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**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration	
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	~ 8.0 %	
7757-82-6	Sodium sulfate	~92.0 %	

**4. First Aid Measures**

**Emergency and First Aid**

**Procedures:**

- In Case of Inhalation:** Move to fresh air. Give artificial respiration if not breathing. If breathing is difficult oxygen should be administered by qualified personnel.
- In Case of Skin Contact:** Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry and shoes immediately. Wash contaminated areas with soap and water. Seek medical attention if irritation occurs.
- In Case of Eye Contact:** immediately flush eyes with a direct stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of the eye and lid tissues. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention immediately.
- In Case of Ingestion:** Never give anything to an unconscious person. If swallowed do not induce vomiting. Give water. Get medical attention immediately.

**Signs and Symptoms Of Exposure:**

- Eyes: Severe irritation, pain and burns.  
Skin: Irritating to the skin. Pain and possible burns.  
Ingestion: Immediate pain and severe burns of mucous membranes.  
Inhalation: Severe irritation with coughing, choking, pain and possible burns of mucous membranes.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**5. Fire Fighting Measures**

- Flash Pt:** NE
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** Flood with water. Do not use dry chemicals, carbon dioxide or halogenated extinguishing agents.
- Fire Fighting Instructions:** Consider evacuation of personnel downwind. Keep necessary people away, isolate hazard area and deny entry. Avoid inhalation of material or combustion by-products. Wear NIOSH approved positive pressure self-contained breathing apparatus operated in pressure demand mode.
- Flammable Properties and Hazards:** Negligible fire hazard. If heated by outside source to temperatures above 240C (494 F), this product will undergo decomposition with the evolution of noxious gases but no visible flame.
- Hazardous Combustion Products:** Wet material may generate nitrogen trichloride, an explosion hazard.

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** See Exposure/PPE

**Environmental Precautions:** Toxic to aquatic organisms.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Keep unnecessary people away, isolate hazard area and deny entry. DO NOT ADD WATER to spilled material.  
 DO NOT USE SWEEPING COMPOUND TO CLEAN UP SPILLS. Keep out of water supplies and sewers.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or dust when opening container.

**Precautions To Be Taken in Storing:** Store in original container and in a dry area where temperatures do not exceed 52 C (125 F).  
 Do not allow water get in container.

**Other Precautions:** Never add water to this product. Always add product to large quantities of water.

### 8. Exposure Controls/Personal Protection

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

**Respiratory Equipment (Specify Type):** A NOISH approved respirator with N95 cartridges may be permissible under certain circumstances where exposure limits are exceeded. The added protection of a full face piece respirator is required when visible dusty conditions are encountered and eye irritation may occur.

**Eye Protection:** Wear chemical safety goggles. Provide an emergency eye wash and quick drench shower in the immediate work area.

**Protective Gloves:** Butyl rubber, natural rubber, neoprene, nitrile, polyvinyl chloride or Tyvek gloves.

**Other Protective Clothing:** Wear protective clothing to minimize skin contact.

**Engineering Controls (Ventilation etc.):** No data available.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid

**Appearance and Odor:** Appearance: Lightly Crystalline White Granules  
 Odor: Chlorine-like odor

**pH:** No data.

**Melting Point:** ~ 250.00 C

**Boiling Point:** No data.

**Flash Pt:** NE

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

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**Specific Gravity (Water = 1):** ~ 1.95 at 25.0 C  
**Bulk density:** ~ 56-60  
**Solubility in Water:** No data.  
**Octanol/Water Partition Coefficient:** No data.  
**Autoignition Pt:** NE  
**Decomposition Temperature:** No data.  
**Viscosity:** No data.

### 10. Stability and Reactivity

**Reactivity:** Stable at normal temperatures and pressures.  
**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Do not get water inside container. Avoid contact with oxidizers organic materials.  
**Incompatibility - Materials To Avoid:** Acids, Ammonia, Bases, Floor sweeping compounds. Calcium hypochlorite, Reducing agents, Organic agents, Organic solvents and compounds.  
**Hazardous Decomposition or Byproducts:** Chlorine. Nitrogen. Nitrogen trichloride. Cyanogen chloride. Oxides of carbon. Phosgene.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

**Toxicological Information:** LD50 Oral: 1823 mg/kg oral-rat LD50  
LC50 Inhalation: 0.27-1.17 mg/L (4 hr. - Rat)  
LD50 Dermal: >5000 mg/kg skin-rabbit LD50  
**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**General Ecological Information:** This material is subject to hydrolysis. Cyanuric acid produced by hydrolysis is biodegradable.  
**Persistence and Degradability:** This material is toxic to fish and aquatic organisms.

### 13. Disposal Considerations

**Waste Disposal Method:** Use or reuse if possible. Dispose in accordance with all applicable regulations. Do not transport wet material.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:**  
**DOT Hazard Class:**  
**UN/NA Number:**

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**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)
51580-86-0	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	No	No	No
7757-82-6	Sodium sulfate	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

**16. Other Information**

**Revision Date:** 10/21/2015

**Additional Information About** No data available.

**This Product:**

**Company Policy or Disclaimer:** All responsibility for the proper use, storage and handling of this product is the responsibility of the buyer. Casco Products Company, Inc. makes no other claims or warranties, expressed or implied. While the information is believed to be accurate, Casco Products Company, Inc. makes no representations as to its accuracy or sufficiency, conditions of use are beyond Casco Products Company, Inc. control and therefore users are responsible to verify data under their own operating conditions.