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## MATERIAL SAFETY DATA SHEET

*The information contained herein is provided in good faith and is believed to be correct as of the date listed.*

### 5100QC - Serim® Chlorine Control Pack

The product described above has not been tested as a whole to determine whether it is a health hazard. By HCS 29 CFR 1910.1200 (d), it must be assumed to present the same health hazard as that associated with the components which comprise 1% or greater of the product.

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#### HAZARDOUS COMPONENTS

Sodium Chloride - CAS No. 7647-14-5  
(54.41%)  
Microcrystalline Cellulose - CAS No. 9004-34-6  
(20.00%)  
Sodium Phosphate, Dibasic - CAS No. 7558-79-4  
(16.30%)  
Potassium Phosphate, Monobasic  
CAS No. 7778-77-0  
(8.70%)

#### HMIS rating (scale 0-4)

Health = 1 Fire = 0 Reactivity = 1

#### PHYSICAL DATA

**Description:** Odorless, off-white tablet with brown particles  
**Solubility:** Partially soluble in water

#### FIRE AND EXPLOSION DATA

**Fire and explosion hazard:** Negligible  
**Firefighting media:** Use any agent suitable for surrounding the fire. Avoid breathing vapors and dust.

#### REACTIVITY

**Stability:** Stable  
**Polymerization:** Not expected to occur  
**Decomposition:** **Sodium Chloride:** When heated above 801°C (1474°F), it emits toxic fumes of chloride and sodium oxide.  
**Incompatibilities:**  
**Potassium Phosphate, Monobasic:**  
Strong oxidizing agents,  
**Sodium Phosphate, Dibasic:**  
Strong acids

#### TOXICITY

**Sodium Chloride:** Oral-rat LD50 = 3000 mg/kg  
**Microcrystalline Cellulose:** Oral-rat LD50 >5g/kg  
**Sodium Phosphate, Dibasic:** Oral-rat LD50 = 17gm/kg  
**Potassium Phosphate, Monobasic:** Data not available

#### HEALTH EFFECTS AND FIRST AID

**Inhalation:** Dust may cause mild irritation to the nasal and respiratory passages.

**First Aid:** Remove to fresh air. Get medical attention for any breathing difficulty.

**Skin & Eye Contact:** May produce mild irritation and redness

**First Aid:** Wash affected area with plenty of water for at least 15 minutes. Get medical attention if condition persists.

**Ingestion:** May cause pain and burning in the mouth, nausea, vomiting, and diarrhea.

**First Aid:** If conscious and not convulsive, give victim several glasses of water. Do not induce vomiting. Get medical attention immediately.

**Chronic Exposure:** Data not available

**Carcinogen Status:** None

#### STORAGE

Keep in a tightly closed container, stored in a cool and dry place.

Protect against physical damage.

#### SPILL AND LEAK PROCEDURES

**Powder Spill:** Material that cannot be salvaged should be containerized for disposal.

**Disposal:** Observe all Federal, State, and Local regulations when disposing of this product.

#### PROTECTIVE EQUIPMENT

Use only in processes where effective ventilation has been provided.

Safety glasses and chemical resistant gloves should be worn.

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**Note:** The 5100QC - Serim® Chlorine Control Pack is latex free. No latex is used as a component or in the bottling and packaging. The use of latex in the manufacturing, bottling, and packaging processes of this product is not permitted.

Statement prepared January 6, 2005

Updated September 14, 2011