

Serim Research Corp.
P.O. Box 4002
Elkhart IN 46514-0002
574/264-3440

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® Residual 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.

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.

Statement prepared January 6, 2005