

# STANNOUS CHLORIDE POWDER

Product: R-0602P

## Section 1: PRODUCT INFORMATION

**Chemical family:** Inorganic salt solution.

**Supplier:** Lowry & Associates, div. of Chem-Aquascience, Inc  
Canadian Master Distributors for Taylor Technologies, Inc.  
4-1151 Gorham Street  
Newmarket, ON.  
L3Y 8Y1  
Tel: 905-836-0505  
Fax: 905-895-4539.

**Emergency Phone Number:** Canutec 613-996-6666.  
905-625-9117 (Monday - Friday 9 a.m. - 4 p.m.).

**Manufacturer:** Taylor Technologies Inc.  
31 Loveton Circle  
Sparks, MD USA 21152  
Tel: 410-472-4340.

**TDG classification:** Not regulated.

**WHMIS classification:**

D2B



**DSL status:** Not available.

## Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
7447-40-7	>50	POTASSIUM CHLORIDE	NOT AVAILABLE	2600 MG/KG RAT ORAL  1500 MG/KG MOUSE ORAL	NOT AVAILABLE
7772-99-8	<10	STANNOUS CHLORIDE	2 MG(SN)/M3	700 MG/KG RAT ORAL  250 MG/KG MOUSE ORAL  10,000 MG/KG RABBIT ORAL	NOT AVAILABLE

## Section 3: PHYSICAL DATA

**Physical state:** Solid

**Appearance & odor:** White  
Powder.  
Odourless.

**Odor threshold (ppm):** None

**Vapour pressure (mmHg):** Not applicable.

**Vapour density (air=1):** Not applicable.

**Volatiles (%)**

**By volume:** 0

**Evaporation rate  
(butyl acetate = 1):** Not available.

**Boiling point (°C):** Not applicable.

**Freezing point (°C):** 0

**pH:** Not applicable.

**Specific gravity @ 20 °C:** 1

**Solubility in water (%):** Soluble.

**Coefficient of water\oil dist.:** Not available.

<b>Section 4: FIRE &amp; EXPLOSION DATA</b>
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**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water spray.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature (°C):** Not applicable.

**Flash point (°C), method:** Not applicable.

**Lower flammability  
limit (% vol):** Not applicable.

**Upper flammability  
limit (% vol):** Not applicable.

**Explosion Data**

**Sensitivity to static discharge:** Not applicable.

**Sensitivity to mechanical impact:** Not applicable.

**Hazardous combustion products:** Chlorine gas.

**Explosive power:** Not applicable.

<b>Section 5: REACTIVITY DATA</b>
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**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** Extreme temperatures.  
Extreme heat.

**Hazardous polymerization:** Not available.

**Incompatible substances:** Bromine trifluoride.  
Strong oxidizers.

**Hazardous decomposition  
products:** See hazardous combustion products.

## Section 6: TOXICOLOGICAL PROPERTIES

**Route of entry:** Eye contact, skin contact, skin absorption, inhalation and ingestion.

Effects of acute exposure

**Eye contact:** Irritant.

**Skin contact:** Irritant.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** Gastrointestinal irritation.

**Effects of chronic exposure:** Pre-existing eye, skin and respiratory disorders may be aggravated.

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Not listed as a carcinogen.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:**



Rubber gloves.

**Respiratory/Type:**



NIOSH approved respirator, if necessary.

**Eye/Type:**



Safety glasses.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:**



Lab coat.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Ventilate adequately.

**Leak/Spill:** Sweep up.  
Wear appropriate protective equipment.  
Place in a closed container for disposal.

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

**Handling procedures and equipment:** Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Wash thoroughly after handling.  
Avoid breathing dust or mist.  
Avoid contact with skin, eyes and clothing.  
Avoid dust generation.  
Launder contaminated clothing prior to reuse.  
Do not ingest.

**Storage requirements:** Keep out of direct sunlight.  
Store in a cool and dry place.

**Special shipping information:** See transportation information.

### Section 8: FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing.  
Wash with water for at least 15 minutes.  
Get medical attention.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

**Inhalation:** Remove victim to fresh air.  
If irritation occurs, consult a physician.

**Ingestion:** Obtain medical attention.  
Induce vomiting as directed by medical personnel.  
Never give anything by mouth to an unconscious person.  
Drink a large amount of water.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

### Section 9: ADDITIONAL INFORMATION

**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

**Data prepared by:** Lowry & Associates, div. of Chem–Aquascience, Inc  
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