

SWING PAINTS LIMITED  
2100 ST PATRICK STREET  
MONTREAL, QC H3K 1B2  
(514) 932-2157

**PRODUCT: TRISODIUM PHOSPHATE**

**CODE: 3113**

## 1. IDENTIFICATION

**PRODUCT IDENTIFIER** SWING TSP CONCENTRATED LIQUID

**PRODUCT CODE** 311301, 311304

**RECOMMENDED USE** CLEANER

**SUPPLIER** SWING PAINTS LIMITED  
2100 ST PATRICK STREET  
MONTREAL, QC H3K 1B2  
CANADA  
514-932-2157

**EMERGENCY PHONE NO** 514-932-2157 8:00 - 17:00 EST

## 2. HAZARDOUS IDENTIFICATION

### Hazardous Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity, single exposure	Category 3

### Hazard pictograms



### Signal Word: Danger

#### Hazard statements

Causes skin irritation  
Causes serious eye damage  
May cause respiratory irritation

#### Precautionary Statements

#### Prevention

Do not breathe dust  
Wash thoroughly after handling  
Use only outdoors or in a well-ventilated area  
Wear protective gloves/protective clothing/eye protection/face protection

#### Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
Specific treatment, see supplemental first aid information  
Wash contaminated clothing before reuse  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

#### Storage

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

**Other Information**

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS #	WT %
Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	4-8
Disodium Metasilicate	6834-92-0	1-2

**4. FIRST-AID MEASURES****Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention.

**Eye contact**

In case of contact with substance, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 15 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.

**Skin contact**

In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Wash contaminated clothing before reuse. For minor skin contact, avoid spreading material on unaffected skin. Get medical attention.

**Ingestion**

If swallowed give 2-3 glasses of water if victim is conscious and alert. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

**Self-protection of the first aider**

No additional information

**Most important symptoms and effects, both acute and delayed:**

Refer to Section 11 - Toxicological Information.

**Indication of any immediate medical attention and special treatment needed:****Note to physicians**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Not combustible. Use extinguishing media suitable for surrounding fire.

**Special hazards arising from the substance or mixture**

Not combustible. Under fire conditions, toxic, corrosive fumes are emitted.

**Hazardous combustion products**

Oxides of sodium, oxides of phosphorus.

**Special protective equipment for firefighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective gear for the situation to avoid exposure. Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning up**

Sweep or vacuum up and place in an appropriate closed container. Clean up residual material by washing area with water and detergent. Collect washings for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Use only with adequate ventilation. Handle and open container with care. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing dust. Avoid direct or prolonged contact with skin and eyes. Do not ingest. Potentially deadly carbon monoxide gas can form in enclosed areas or tanks when alkaline products contact materials that contain sugars. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Keep away from incompatible materials. Store in an area that is room temperature, well-ventilated and isolated from all toxic and harmful substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Exposure limits are listed below, if they exist.

CHEMICAL NAME	EXPOSURE LIMIT ACGIH
Trisodium Phosphate, Dodecahydrate 10101-89-0	3 mg/m <sup>3</sup> (respirable particles), TLV-TWA 10 mg/m <sup>3</sup> (inhalable particles), TLV-TWA
Disodium Metasilicate 6834-92-0	

Consult local authorities for recommended exposure limits.

**Appropriate engineering controls****Engineering controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures****Eye/face protection**

Wear eye protection. An emergency eye wash must be readily accessible to the work area.

**Hand protection**

Wear suitable protective gloves.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

Use a NIOSH approved respirator if exposure limits are exceeded or symptoms are experienced.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Appearance</b>	
<b>Physical state</b>	Solid
<b>Colour</b>	White
<b>Odour</b>	Odourless
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point / freezing point</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available

<b>Flammability (solid, gas)</b>	Not flammable
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit</b>	No data available
<b>Lower flammability limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative vapor density</b>	No data available
<b>Specific gravity</b>	No data available
<b>Water solubility</b>	Soluble
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity/Chemical Stability

Stable.

### Possibility of hazardous reactions

No additional remark.

### Hazardous polymerization

Will not occur.

### Conditions to avoid

Dusting conditions. Moisture. Incompatible materials.

### Incompatible materials

Strong acids, magnesium.

### Hazardous decomposition products

Oxides of phosphorus. Oxides of sodium.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Inhalation

May cause respiratory irritation.

#### Eye contact

Causes serious eye damage.

#### Skin contact

Causes skin irritation.

#### Ingestion

Causes corrosion, burns to mouth and esophagus, abdominal pain, chest pain, nausea, vomiting, diarrhea, seizures. Aspiration of the swallowed or vomited product can cause severe pulmonary complications.

### Information on toxicological effects

#### Symptoms

No information available.

### Numerical measures of toxicity

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Trisodium Phosphate, Dodecahydrate 10101-89-0	>7400 mg/kg (Rat)	Not available	Not available
Disodium Metasilicate 6834-92-0	1153 mg/kg (Rat)	Not available	Not available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Trisodium Phosphate, Dodecahydrate 10101-89-0	Not available	Not available	Not available	Not available
Disodium Metasilicate 6834-92-0	Not available	Not available	Not available	Not available

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)****IARC (International Agency for Research on Cancer)****NTP (National Toxicology Program)****OSHA (Occupational Safety and Health Administration of the US Department of Labor)****Reproductive Toxicity**

No information available.

**Specific target organ systemic toxicity - single exposure**

No information available.

**Specific target organ systemic toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

<b>12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

CHEMICAL NAME	Ecotoxicity – Freshwater Algae (EC50)	Ecotoxicity - Fish Species (LC50)	Toxicity - Microorganisms	Ecotoxicity - Crustacea (EC50)
Trisodium Phosphate, Dodecahydrate 10101-89-0	Not available	151 mg/L, 96h flow (Gambusia affinis)	Not available	126mg/L, 96h (Daphnia magna)
Disodium Metasilicate 6834-92-0		210 mg/L, 96h semi-static (Brachydanio rerio)		

**Persistence and degradability**

No specific biodegradation test data located. While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

**Biodegradability**

No information available.

**Other adverse effects:**

No information available.

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Waste treatment methods**

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

<b>14. TRANSPORT INFORMATION</b>
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**TDG (Canada):**

**UN Number** Not Regulated  
**Shipping name** Not Regulated  
**Class** No Data Available  
**Packing Group** No Data Available  
**Marine pollutant** Not available

**DOT (U.S.)**

**UN Number** Not Regulated  
**Shipping name** Not Regulated  
**Class** No Data Available

**Packing Group** No Data Available  
**Marine pollutant** Not available

### 15. REGULATORY INFORMATION

#### Canadian Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

### 16. OTHER INFORMATION

PREPARED BY..... Regulatory Affairs  
PREPARATION DATE..... June 1, 2018

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End of Safety Data Sheet