

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

PRODUCT: TRISODIUM PHOSPHATE

CODE: 3111

1. IDENTIFICATION

PRODUCT IDENTIFIER SWING TSP

PRODUCT CODE 311110, 311140, 311190, 311114

RECOMMENDED USE CLEANER, SURFACE PREPARATION

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 oral 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
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	100

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 ³ (respirable particles), TLV-TWA 10 mg/m ³ (inhalable particles), TLV-TWA

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

Appearance	
Physical state	Solid
Colour	White
Odour	Odourless
Odour threshold	No data available
pH	Not applicable
Melting point / freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Not flammable
Flammability Limit in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available

Vapor pressure	No data available
Relative vapor density	No data available
Specific gravity	No data available
Water solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	Not explosive
Oxidizing properties	Not an oxidizer

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

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

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/eye irritation

May cause serious eye irritation.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Trisodium Phosphate, Dodecahydrate 10189-0	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

May cause respiratory tract irritation.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

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)

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.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste in accordance with environmental legislation. Should not be released into the environment. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

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