


# PH +

1. IDENTIFICATION	
Product name	: <b>PH +</b>
Product code	: <b>30-07190</b>
Supplier	: Sani-Marc Inc. 42 rue de l'Artisan Victoriaville, Qc G6P 7E3 1-819-758-1541
Manufacturer	: Sani-Marc Inc. 42 rue de l'Artisan Victoriaville, Qc G6P 7E3 1-819-758-1541
Identified uses	: Consumer products: Pool & Spa water treatment product This SDS is provided as information only. This product is not WHMIS regulated. This product is regulated under CCCR regulation. This product is packaged, labelled and supplied as a consumer good.
Uses advised against	: Only use this product as directed. Read label before using.
Other means of identification	: Not available.
Date of issue (YYYY-MM-DD)	: 2019-11-14
<b>In case of emergency : Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)</b>	

2. HAZARDS IDENTIFICATION	
Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.	
Product Classification	: EYE IRRITATION - Category 2A
Signal word	: Warning
Hazard pictograms	: 
Hazard statements	: Causes serious eye irritation.
<u>Precautionary statements</u>	
General	: Read label before use. Keep out of reach of children.
Prevention	: Specific protective equipment is suggested for this product. See section 8 for details.
Response	: Rinse with water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	: No specific measure needed. See section 7 for more information on handling and storage.
Disposal	: No specific measure needed. See section 13 for waste disposal information.
Supplemental label elements	: No additional information.
Other hazards which do not result in classification	: May form explosible dust-air mixture if dispersed. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Substance

<u>Name</u>	<u>CAS number</u>	<u>% (w/w)</u>
sodium carbonate	497-19-8	80 - 100

Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

#### Description of required first aid measures

**Eye contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. If irritation persists, get medical attention.

**Skin contact** Flush contaminated skin with plenty of water. Wash clothing before reuse. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Clean shoes thoroughly before reuse.

**Ingestion** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Inhalation** Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

#### Most important symptoms/effects, acute and delayed

**Eye contact** Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

**Skin contact** No specific symptoms under normal use conditions.

**Ingestion** No specific symptoms under normal use conditions.

**Inhalation** Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

**Suitable extinguishing media** Use flooding quantities of water.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** May form explosible dust-air mixture if dispersed.

**Hazardous thermal decomposition products** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special fire-fighting procedures** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.

**Personal protection** Put on appropriate personal protective equipment (see Section 8).

**Cleaning method** Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.
<b>Storage and Incompatibility</b>	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

None.

**Appropriate engineering controls** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

**Eye/face protection** If operating conditions cause high dust concentrations to be produced, use dust goggles. It is minimally suggested to wear safety glasses while using or handling this product.

**Hands and Body protection** It is suggested to wear chemical-resistant gloves while using or handling this product. No special protective clothing is required.

**Respiratory protection** It is suggested to wear dust-protection mask for prolonged or intense exposures.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Solid. [Powder.]	<b>pH</b>	11 [Conc. (% w/w): 1%]	<b>Flash point</b>	[Product does not sustain combustion.]
<b>Color</b>	White.	<b>Relative density</b>	Not available.	<b>Melting point</b>	854°C (1569.2°F)
<b>Odor</b>	Odorless.	<b>Viscosity</b>	Not available.	<b>Boiling point</b>	Not available.
<b>Odor threshold</b>	Not available.	<b>Vapor pressure</b>	Not available.	<b>Fire point</b>	: Not available.
<b>Solubility in water</b>	: Not available.	<b>Vapor density</b>	: Not available.	<b>Evaporation rate</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.	<b>Auto-ignition temperature</b>	: Not available.		
<b>Partition coefficient: n-octanol/water</b>	: Not available.	<b>Flammability (solid, gas)</b>	: Not available.		
<b>Lower and upper explosive (flammable) limits</b>	: Not available.				

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	The product is stable.
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: oxidizing materials
<b>Conditions to avoid</b>	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Route of exposure</b>	Routes of entry anticipated: Oral, Inhalation. Routes of entry not anticipated: Dermal.	
<b>Eye contact</b>	<p><u>Potential acute health effects</u></p> Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. cause eye irritation	<p><u>Symptoms</u></p> Adverse symptoms may include the following: pain or irritation watering redness
<b>Skin contact</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
<b>Ingestion</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
<b>Inhalation</b>	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.	Adverse symptoms may include the following: respiratory tract irritation coughing

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
sodium carbonate	LC50 Inhalation Dusts and mists	Rat	1150 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	2390 mg/kg	-

Information on toxicological effects

<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.
<b>Sensitization</b>	Not available.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
sodium carbonate	Acute EC50 200 mg/l	Daphnia - Cladoceran	48 hours
	Acute LC50 300 mg/l	Ceriodaphnia Fish - Bluegill sunfish Lepomis macrochirus	96 hours

**Persistence and degradability** : Unknown    **Bioaccumulative potential** : Unknown    **Mobility in soil** : Unknown    **Other adverse effects** : Unknown

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods**                      Dispose content and container in accordance with local, regional and national regulation in force.

## 14. TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	TDG Placard
<b>TDG Classification</b>	Not regulated.	-	-	-	-
<b>Additional information</b> See shipping documents for specific information on DOT, IMDG or IATA					

## 15. REGULATORY INFORMATION

### Canadian lists

Canadian NPRI None of the components are listed.

CEPA Toxic substances None of the components are listed.

Canada inventory All components are listed or exempted.

### International lists

United States All components are listed or exempted.

## 16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

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Prepared by : Regulatory Affairs Department

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### Notice to reader

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