

# SOFT

## 1. IDENTIFICATION

**Product name** : **SOFT**

**Product code** : **30-07045**      **Other means of identification** : Not available.

**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.

**Date of issue (YYYY-MM-DD)** : **2019-11-19**

**In case of emergency** : **Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)**

## 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** : Not classified.

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements**

**General** : Read label before use. Keep out of reach of children.

**Prevention** : No specific measure needed. See Section 8 for more information.

**Response** : No special measure needed. See section 4 for more information.

**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** : Mixture

<u>Name</u>	<u>CAS number</u>	<u>% (w/w)</u>
boric acid	10043-35-3	80 - 100
sodium tetraborate pentahydrate	12179-04-3	1 - 5

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

#### 4. FIRST AID MEASURES

##### Description of required first aid measures

<b>Eye contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occur.
<b>Skin contact</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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

<b>Eye contact</b>	Adverse symptoms may include the following: irritation redness
<b>Skin contact</b>	No specific symptoms under normal use conditions.
<b>Ingestion</b>	No specific symptoms under normal use conditions.
<b>Inhalation</b>	Adverse symptoms may include the following: respiratory tract irritation coughing
<b>Notes to physician</b>	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

<b>Suitable extinguishing media</b>	Use flooding quantities of water.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	May form explosible dust-air mixture if dispersed.
<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: metal oxide/oxides
<b>Special fire-fighting procedures</b>	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.
<b>Special protective equipment for fire-fighters</b>	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

<b>Personal precautions</b>	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.
<b>Personal protection</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Cleaning method</b>	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

Ingredient name	Exposure limits
boric acid	<b>CA British Columbia Provincial (Canada, 6/2017).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>CA Ontario Provincial (Canada, 7/2015).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction. STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction.
disodium tetraborate pentahydrate	<b>CA British Columbia Provincial (Canada, 6/2017).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>CA Ontario Provincial (Canada, 7/2015).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction. STEL: 6 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction. <b>CA Alberta Provincial (Canada, 4/2009).</b> Skin sensitizer. 8 hrs OEL: 1 mg/m <sup>3</sup> 8 hours. 15 min OEL: 3 ppm 15 minutes.

**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.

**Hands and Body protection** No specific protective equipment required under normal use conditions.  
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>	7 [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>	Not available.
<b>Odor</b>	Citrus	<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

**Reactivity** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** The product is stable.

**Incompatible materials** Reactive or incompatible with the following materials:  
oxidizing materials

**Conditions to avoid** 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.

**Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

**Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11. TOXICOLOGICAL INFORMATION

**Route of exposure** Routes of entry anticipated: Inhalation.  
Routes of entry not anticipated: Oral, Dermal.

**Eye contact** Potential acute health effects Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. Symptoms Adverse symptoms may include the following: irritation  
redness

**Skin contact** No known significant effects or critical hazards. No specific symptoms under normal use conditions.

**Ingestion** No known significant effects or critical hazards. No specific symptoms under normal use conditions.

**Inhalation** 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
boric acid	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
disodium tetraborate pentahydrate	LC50 Inhalation Vapor	Rat	>5 mg/l	4 hours
	LD50 Dermal	Rat	2000 mg/kg	-
	LD50 Oral	Rat	3800 mg/kg	-

Information on toxicological effects

**Mutagenicity** No known significant effects or critical hazards.

**Teratogenicity** No known significant effects or critical hazards.

**Developmental effects** No known significant effects or critical hazards.

**Fertility effects** No known significant effects or critical hazards.

**Sensitization** Not available.

**Carcinogenicity** No known significant effects or critical hazards.

### 12. ECOLOGICAL INFORMATION

Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
boric acid	Acute LC50 45.5 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute LC50 133 mg/l	Daphnia	48 hours
	Acute LC50 46 mg/l	Fish	72 hours
	Acute LC50 75 mg/l Marine water	Fish - Pagrus major	96 hours
	Chronic NOEC 6000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 2100 µg/l Fresh water	Fish - Oncorhynchus mykiss	87 days

**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.	-	-	-	-

Additional information 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                  At least one component is not listed.

### 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	E

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### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.