Sodium bicarbonate

1. IDENTIFICATION

Product name : **Sodium bicarbonate**

Product code : **45-02000**

Other means of identification : Carbonic acid sodium salt (1:1); Carbonic acid monosodium salt; Carbonic acid, monosodium salt; Sodium bicarbonate; Sodium bicarbonate (1:1); Carbonic acid monosodium salt (1:1); Sodium acid carbonate; Bicarbonate of soda; Baking soda

Supplier : Sani-Marc Inc.
42 rue de l'Artisan
Victoriaville, Qc
G6P 7E3
1-819-758-1541

Manufacturer : Sani-Marc Inc.
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Victoriaville, Qc
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Identified uses : Consumer products: Food additive. Pool & Spa water treatment product
Industrial applications: Industrial chemical

Uses advised against : Only use this product as directed. Read label before using.

Date of issue (YYYY-MM-DD) : **2018-09-06**

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 mesure needed See section 4 for more informations.

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 : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Substance

Chemical name : sodium hydrogencarbonate

No hazardous ingredient

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

4. FIRST AID MEASURES

Description of required first aid measures

Eye contact : In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. Get medical attention if irritation persist.

Skin contact : In case of irritation, rinse with water. Get medical attention if irritation persist.

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 symptoms occur.

Most important symptoms/effects, acute and delayed

Eye contact : No specific symptoms under normal use conditions.

Skin contact : No specific symptoms under normal use conditions.

Ingestion : No specific symptoms under normal use conditions.

Inhalation : No specific symptoms under normal use conditions.

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 an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

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.

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

Handling : 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.

Storage and Incompatibility : Store in accordance with local regulations. 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. Keep out of reach of children. Store away from incompatible materials (see Section 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

None.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use if this product.

Individual protection measures

Eye/face protection : Continued or intense exposures might required to wear safety glasses. No specific protective equipment required under normal use conditions.

Hands and Body protection : No specific protective equipment required under normal use conditions.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Solid. [Granules solid.]	**pH**	: Not available.	**Flash point**	: [Product does not sustain combustion.]
Color	: White. [Light]	**Relative density**	: Not available.	**Melting point**	: >500°C (>932°F)
Odor	: Odorless. [Slight]	**Viscosity**	: Not available.	**Boiling point**	: Not available.
Odor threshold	: Not available.	**Vapor pressure**	: 0.067 kPa (0.5 mm Hg) [room temperature]	**Fire point**	: Not available.
Solubility in water	: 93.4 g/l	**Vapor density**	: Not available.	**Evaporation rate**	: Not available.

Decomposition temperature : 50°C (122°F)

Auto-ignition temperature : Not available.

Partition coefficient: n-octanol/ water : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : 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 : No specific data.

Conditions to avoid : No specific data.

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: Oral, Dermal, Inhalation.

	Potential acute health effects	Symptoms
Eye contact	: No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
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	: No known significant effects or critical hazards.	No specific symptoms under normal use conditions.

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
sodium hydrogencarbonate	LD50 Oral	Rat	4220 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
sodium hydrogencarbonate	Acute EC50 650000 µg/l Fresh water Acute LC50 767.87 mg/l Marine water Acute LC50 7550 ppm Fresh water Chronic NOEC 576 mg/l Fresh water	Algae - Navicula seminulum Crustaceans - Americamysis bahia Fish - Gambusia affinis - Adult Daphnia - Daphnia magna - Neonate	96 hours 48 hours 96 hours 3 weeks

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
TDG Classification	Not regulated.	-	-	-	

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Additional information : See shipping documents for specific information on DOT, IMDG or IATA

15. REGULATORY INFORMATION

Canadian lists

Canadian NPRI : This material is not listed.

CEPA Toxic substances : This material is not listed.

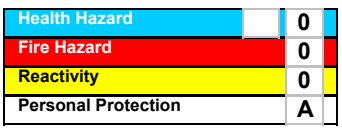
Canada inventory : This material is listed or exempted.

International lists

United States : This material is listed or exempted.

16. OTHER INFORMATION

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



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Prepared by : **Regulatory Affairs Department**

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