

## Material Safety Data Sheet

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Sodium Citrate
Synonyms	Trisodium citrate dihydrate
INCI name	Sodium Citrate
CAS #	6132-04-3
EINECS #	200-675-3
Country of Origin	USA
Product use	pH adjuster, buffering agent, chelating agent
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
Telephone number	905-455-4444
Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Signal: Not applicable

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Signal: Not applicable

Precautionary statement(s)

Signal: Not applicable.

### SECTION 3. COMPOSITION / INFORMATION INGREDIENTS

PRODUCT NAME	CAS #	EINECS #	CONCENTRATION
Sodium Citrate	6132-04-3	200-675-3	100%

### SECTION 4. FIRST-AID MEASURES INHALATION EXPOSURE:

Normal inhalation is unlikely to produce adverse reactions. Use in well ventilated areas. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician.

**EYE CONTACT:** Flush with water for 15 min without making eyes sore. Unsweetened Milk may help flush oil from eyes. Seek medical help if necessary.

**SKIN CONTACT:** Wash area with undiluted dishwashing liquid and flush with copious amounts of water. Seek medical help if necessary.

**INGESTION:** Flush from mouth with water or unsweetened milk. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

### SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon Dioxide, powder or water spray.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Standard absorbents can be used.

**WASTE DISPOSAL METHOD:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

## **SECTION 7. HANDLING AND STORAGE HANDLING**

Avoid breathing in dust. To prevent explosion hazards, do not allow dust to settle on surfaces. It is recommended that all dust control equipment and material transport systems involved in handling of this product contain explosion relief vents or explosion suppression systems. All conductive elements of the system that contacts this material should be electrically bonded and grounded.

**STORAGE** Store in a cool, well-ventilated area.

**FIRE PROTECTION** Keep away from ignition sources and naked flame.

## **SECTION 8. EXPOSURE CONTROLS**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**VENTILATION:**

**PROTECTIVE GLOVES:** Rubber gloves

**EYE PROTECTION:** Splash-proof safety glasses.

**RESPIRATORY:** Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Use appropriate NIOSH approved dust respirator if PEL/TLV may be exceeded.

**OTHER PROTECTIVE EQUIPMENT:** Safety shower, eye wash

## **SECTION 9. PHYSICAL STATE AND APPEARANCE**

Appearance: Powder

Appearance: White Crystalline

Odor: Odourless

Odor threshold: Not determined

pH: 7.6 - 9

Flash point: Not applicable

Flammability (solid, gas): Product is not flammable

Vapor pressure:  $2.21 \times 10^{-6}$  Pa

Relative density: 1.86 g/cm<sup>3</sup>

Solubility: Water at 20 °C: 400-700 g/l

Partition coefficient: -0.2 - -1.8 log Pow

Decomposition temperature: 150 °C

Boiling Point: Not Available

## SECTION 10. STABILITY AND REACTIVITY

### INCOMPATIBILITIES CONDITIONS TO AVOID:

No materials present special reactivity hazards.

**MATERIALS TO AVOID:** Strong oxidizing agents

**HAZARDOUS COMBUSTION PRODUCTS** CO, CO<sub>2</sub>, water

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not classified. Based on available data, the classification criteria are not met.

**Skin:** No irritant effect.

**Eyes:** Not classified. Based on available data, the classification criteria are not met. No Irritant effect.

**Inhalation:** Not classified. Based on available data, the classification criteria are not met. Ingestion: (Oral, Rat) LD<sub>50</sub>> 2000.00000 mg/kg.

**Carcinogenicity:** Not classified. Based on available data, the classification criteria are not met. No substances listed on IARC, OSHA, NIOSH, NTP.

**Teratogenicity:** No data available.

**Germ Cell Mutagenicity:** Not classified. Based on available data, the classification criteria are not met.

**Embryotoxicity:** No data available.

**Specific Target Organ Toxicity:** Not classified, for single or repeated exposure. Based on available data, the classification criteria are not met.

**Reproductive Toxicity:** Not classified. Based on available data, the classification criteria are not met.

**Sensitization:** No data available.

**Skin Corrosion:** Not classified. Based on available data, the classification criteria are not met.

**Aspiration Toxicity:** Not classified. Based on available data, the classification criteria are not met.

## SECTION 12. ECOLOGICAL INFORMATION GENERAL

Adopt good working practices, so that the product is not released into the environment.

## SECTION 13. DISPOSAL CONSIDERATION WASTE DISPOSAL METHOD

Incineration or sanitary landfill in accordance with local, state, and federal regulations.

**Waste Residues:** Do not dump into sewers, any body of water or onto the ground. Recover if possible. In so doing, comply with the local and national regulations currently in force. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

## SECTION 14. TRANSPORT INFORMATION

Class Pack Group Sub. Risk UN No. IMDG Page Road (U.S.-DOT): UN 1169. Air (IATA): not regulated. Sea (IMDG): not regulated.

## SECTION 15. REGULATORY INFORMATION

**EUROPEAN INFORMATION** There were no toxicological studies in the published literature to assign risk and safety phrases.

**REVIEWS, STANDARDS, AND REGULATIONS EPA TSCA SECTION 8(B) CHEMICAL INVENTORY LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA? NO**

## SECTION 16. OTHER INFORMATION



This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

**Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada**  
**Email: [info@botanicplanet.ca](mailto:info@botanicplanet.ca) [www.botanicplanet.ca](http://www.botanicplanet.ca)**