



## Safety Data Sheet

according to WHS Regulations

Printing date 23.05.2019

Revision: 23.05.2019

### 1 Identification

**Product Name: 007 FILTRITE BUFFER**

**Recommended Use of the Chemical and Restriction on Use:**

Manufacture of effervescent salts and beverages, leavening agent, artificial mineral water, bath salt ingredient, pharmaceuticals, water softener, fire extinguishers, cleaning preparations, laboratory reagent and stock feed buffer.

**Details of Manufacturer or Importer:**

Clark Rubber  
254 Canterbury Road  
Bayswater VIC 3153

**Phone Number:** +61 3 8727 9999

**Emergency telephone number:** +61 3 8727 9999

### 2 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None

**Hazard Statements** None

**Precautionary Statements** None

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**

**Description:** No reportable hazardous substances or complex substances.

**Hazardous Components:** None

### 4 First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Seek medical attention if symptoms occur.

**Symptoms Caused by Exposure:**

Inhalation: Dust may cause respiratory irritation.

Skin Contact: May cause mild skin irritation.

Eye Contact: Dust may cause mechanical eye irritation.

Ingestion: Large amounts may cause nausea and vomiting.

(Contd. on page 2)

# Safety Data Sheet

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(Contd. of page 1)

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog, fine water spray, foam, carbon dioxide or dry chemical powder.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

This product is not combustible.

Containers close to fire should be removed only if safe to do so.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Product is slippery if spilt.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so. Vacuum or sweep up spill and place in suitable containers for reuse or disposal.

Avoid generating dust. Clean up immediately to avoid accidents. Wash contaminated area with excess of water.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area and out of direct sunlight. Keep container tightly closed when not in use. Protect from moisture. Keep away from acids.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Natural ventilation should be adequate under normal use conditions.

**Respiratory Protection:** Respiratory protection is not required under normal use conditions.

**Skin Protection:** Skin protection is not required under normal use conditions.

**Eye and Face Protection:** Eye protection is not required under normal use conditions.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Solid - powder
<b>Colour:</b>	White crystalline
<b>Odour:</b>	Odourless

(Contd. on page 3)

# Safety Data Sheet

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**Product Name: 007 FILTRITE BUFFER**

(Contd. of page 2)

<b>Odour Threshold:</b>	Not determined.
<b>pH-Value at 20 °C:</b>	8.4 (1% aqueous solution)
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Non flammable
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	70 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	No information available
<b>Density at 20 °C:</b>	2.159 g/cm <sup>3</sup> (Compressed solid)
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Soluble in water
<b>Partition Coefficient (n-octanol/water):</b>	No information available

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Moisture.

**Incompatible Materials:** Acids.

**Hazardous Decomposition Products:** Oxides of carbon.

## 11 Toxicological Information

**Toxicity:**

**LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:**

**CAS: 144-55-8 Sodium bicarbonate**

Oral	LD <sub>50</sub>	3360 mg/kg (mice)
		4220 mg/kg (rat)

### Acute Health Effects

**Inhalation:** Dust may cause respiratory irritation.

**Skin:** May cause mild skin irritation.

**Eye:** Dust may cause mechanical eye irritation.

**Ingestion:** Large amounts may cause nausea and vomiting.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

(Contd. on page 4)

# Safety Data Sheet

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(Contd. of page 3)

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available**12 Ecological Information****Ecotoxicity:****Aquatic toxicity:****CAS: 144-55-8 Sodium bicarbonate**EC<sub>50</sub>/48 h 4,100 mg/l (daphnia)LC<sub>50</sub>/96 h 7,100 mg/l (Iepomis macrochirus)  
7,700 mg/l (rainbow trout)**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.**13 Disposal Considerations****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

**14 Transport Information****UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**15 Regulatory Information****Australian Inventory of Chemical Substances:**

CAS: 144-55-8 | Sodium bicarbonate

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

**16 Other Information****Date of Preparation or Last Revision:** 23.05.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

(Contd. on page 5)

# Safety Data Sheet

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(Contd. of page 4)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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