

# Safety Data Sheet

according to WHS Regulations

Printing date 23.05.2019

Revision: 23.05.2019

## 1 Identification

**Product Name: 010 FILTRITE PH UP****Recommended Use of the Chemical and Restriction on Use:**

Glass manufacture, chemicals, pulp and paper manufacture, sodium compounds, soaps and detergents, water treatment, aluminium production, textile processing (e.g. bleaching of linen, hemp, cotton), cleaning preparations, petroleum refining, sealing ponds from leakage, catalyst in coal liquefaction, photographic agent, food additive.

**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:**

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)



corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



STOT SE 3

H335 May cause respiratory irritation.

**Signal Word** Danger**Hazard Statements**

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection / face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

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## 3 Composition and Information on Ingredients

**Chemical Characterisation: Substances****CAS No. Description**

497-19-8 Carbonic acid, disodium salt 100%

## 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**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: May cause respiratory irritation. Symptoms may include coughing and breathing difficulty.

Excessive contact is known to cause damage to the nasal septum.

Skin Contact: May cause skin irritation, redness, blistering and burning of the skin. This material is mildly alkaline.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal irritation or ulceration. Concentrated solutions may be corrosive and cause cramps, vomiting, diarrhoea and possible circulatory collapse and death.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use extinguishing media suitable to surrounding fire.

**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.

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### 7 Handling and Storage

#### Precautions for Safe Handling:

May react violently with strong acids resulting in carbon dioxide gas and large quantities of heat. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Prevent formation 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 heat and moisture. Keep away from strong acids, aluminium powder and other metals, fluorine, phosphorus pentoxide and ammoniacal silver nitrate.

### 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:** Ensure adequate ventilation of the working area.

#### Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

#### Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

#### Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

#### Appearance:

<b>Form:</b>	Crystalline powder
<b>Colour:</b>	White, greyish
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value at 20 °C:</b>	11.3
<b>Melting point/freezing point:</b>	851 °C
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	>1000 °C

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**Explosion Limits:**

<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable.
<b>Density at 20 °C:</b>	2.533 g/cm <sup>3</sup>
<b>Vapour Density:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water at 25 °C:</b>	250 g/l

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:**

Hazardous polymerisation will not occur.

May react violently with strong acids resulting in carbon dioxide gas and large quantities of heat.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Heat and moisture.**Incompatible Materials:**

Strong acids, aluminium powder and other metals, fluorine, phosphorus pentoxide and ammoniacal silver nitrate.

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

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****CAS: 497-19-8 Sodium carbonate**Oral LD<sub>50</sub> 4090 mg/kg (rat)**Acute Health Effects****Inhalation:**

May cause respiratory irritation. Symptoms may include coughing and breathing difficulty. Excessive contact is known to cause damage to the nasal septum.

**Skin:** May cause skin irritation, redness, blistering and burning of the skin. This material is mildly alkaline.**Eye:** Causes serious eye damage.**Ingestion:**

May cause gastrointestinal irritation or ulceration. Concentrated solutions may be corrosive and cause cramps, vomiting, diarrhoea and possible circulatory collapse and death.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye damage.**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:** May cause respiratory irritation.**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.

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**Chronic Health Effects:**

Prolonged or repeated skin exposure may cause dermatitis and / or ulceration of the skin.

**Existing Conditions Aggravated by Exposure:**

Eye, skin and respiratory disorders will be aggravated by exposure to this chemical.

**Additional toxicological information:** No information available**12 Ecological Information****Ecotoxicity:** No further relevant information available.**Aquatic toxicity:****CAS: 497-19-8 Sodium carbonate**

EC <sub>50</sub> /48 h	265 mg/l (daphnia)
LC <sub>50</sub> /96 h	300 mg/l (Iepomis macrochirus)
EC <sub>50</sub> /120hr	242 mg/l (algae)

**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: 497-19-8 Sodium carbonate

**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

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

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

IARC: International Agency for Research on Cancer

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STEL: Short Term Exposure Limit

TWA: Time Weighted Average

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

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**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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