



# Material Safety Data Sheet

## Section 1: Identification of the Material and Supplier

**Supplier:** Bracton Industries (NSW) Pty. Ltd., ACN: 003 060 160  
**Address:** 50 Chard Road, BROOKVALE NSW 2100, Australia  
**Tel:** + 61 2 9938 1800  
**Fax:** + 61 2 9905 0979  
**Product Name:** BRACTON PINK  
**Recommended Use:** ALKALINE CLEANING AGENT • COFFEE STAIN REMOVER • GLASS SOAKER

## Section 2: Hazards Identification

Classified as Hazardous According to the NOHSC Criteria

**Risk Phrases:** R: 20 Harmful if swallowed  
R: 36/38 Irritating to eyes and skin

**Safety Phrases:** S:13 Keep away from food, drink and animal feeding stuffs  
S: 24/25 Avoid contact with eyes  
S:26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poison Information Centre  
S:36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
S:45 In case of accident or if you feel unwell, contact a doctor or Poison Information Centre immediately (show the label where possible)  
S:50 Do not mix with incompatible materials  
S61 Avoid release to the environment. Refer to special instructions/ safety data sheets

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

## Section 3: Composition/Information on Ingredients

<b>Ingredients:</b>	Sodium Metasilicate Anhydrous	[6834-92-0]	<10%
	Chlorine – Available	[7782-50-5]	2.5%
	Trisodium Phosphate, Chlorinated		>60%
	Surfactant(s)		<10%

## Section 4: First Aid Measures

For Advice, contact a Poisons Information Centre (Phone 131126) or a doctor

**Swallowed:** If Swallowed, do NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

**Skin:** Remove contaminated clothing and gently flush affected areas with water. Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.

**Eye:** Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.

**Inhaled:** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

**First Aid Facilities:**

**Recommended:** Eye wash facilities should be available. Hand wash basin

**Advice to Doctor:** Treat symptomatically

## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None Assigned **Evacuate:** No **Extinguishant:** Non flammable. No fire or explosion hazard exists

**Risk of violent reaction or explosion:** No.

## Section 6: Accidental Release Measures

**Spillage:** If spilt (bulk), notify local authorities if appropriate. Collect and reuse where possible. Wear a faceshield or dust-proof goggles, PVC/rubber gloves, coveralls and boots. Where an inhalation risk exists, wear a Full-face Class P3 (Particulate) respirator or Full-face Air-line respirator. Collect and place in sealable containers for disposal. Wash spill site with soap and water.

## Section 7: Handling and Storage

**Storage:** Store in coll, well ventilated area, remove from oxidising agents (eg. hypochlorites), acids (eg. sulphuric acid) and active metals (eg. Sodium, magnesium, aluminium). Ensure containers are protected from physical damage and sealed when not in use.

**Handling:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

## Section 8: Exposure Controls/Personal Protection

**National Exposure Standards:****ES-TWA:** Chlorine-Available 3 mg/m<sup>3</sup>**ES-STEL:** None Assigned**Biological Limit:** No data found.**Engineering Controls:** Do not inhale dusts. Use in well ventilated areas – open doors and windows. In Poorly ventilated areas, mechanical extraction ventilation at source is recommended. Maintain dust levels below the recommended exposure standard.**Personal Protective Equipment:** Prevent contact with skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:**Normal Use:**Eye/face protection  
Gloves, rubber or plastic**Industrial Quantities:**Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Fine Pink Coloured Powder	<b>Solubility (water):</b>	Soluble
<b>Odour:</b>	Slight Chlorine Odour	<b>Specific Gravity:</b>	No Data
<b>pH:</b>	>11.5	<b>% Volatiles:</b>	2.5%
<b>Vapour Pressure:</b>	No Data	<b>Flammability:</b>	Non Flammable
<b>Vapour Density:</b>	No Data	<b>Flash Point:</b>	Not Relevant
<b>Boiling Point:</b>	No Data	<b>Upper Explosion Limit:</b>	Not Relevant
<b>Melting Point:</b>	No Data	<b>Lower Explosion Limit:</b>	Not Relevant
<b>Evaporation Rate:</b>	No Data	<b>Autoignition:</b>	Not Relevant
<b>Density:</b>	>1 (Air = 1)		

**Section 10: Stability and Reactivity****Material to Avoid** Incompatible with oxidising agents (eg. peroxides), acids (eg. sulphuric acid), active metals (eg. aluminium, potassium, magnesium), and heat and ignition sources. May evolve poisonous chlorine gas in contact with acids.**Decomposition** May evolve chlorine, carbon dioxide, inorganic salts and oxides of sulphur when heated to decomposition.**Section 11: Toxicological Information****Health Hazard Summary:** This product has the potential to cause acute and chronic health effect with over exposure. Use safe work practices to avoid eye and skin contact and dust generation/inhalation. Over exposure at high levels may result in corrosive tissue damage. Upon dilution with water, the potential for serious corrosive effects will be reduced. Repeated low-level exposure to chlorine may lead to chloracne and erosion of teeth.**Eye:** May result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.**Inhalation** Over exposure may result in membrane irritation, coughing and bronchitis. At high levels; intense thirst, ulceration, lung tissue damage, chemical pneumonitis and pulmonary oedema. Symptoms may be delayed following exposure.**Skin:** Contact may result in rash, dermatitis, blistering and severe burns. Effects (eg. burning sensation) may be delayed. Will have a degreasing effect on the skin.**Ingestion:** Ingestion may result in burns to the mouth and throat, nausea, vomiting, abdominal pain and ulceration. Due to product form, ingestion is not considered a likely exposure route.**Section 12: Ecological Information****Environment:** **WATER:** If released to waterways, alkaline products may change the pH of the waterway. Fish will die if the pH reaches 10-11 (goldfish 10.9, bluegill 10.5). **SOIL:** May leach to groundwater with toxic effects on aquatic life as above.**ATMOSPHERE:** Not expected to reside in the atmosphere. Drops or particles released to atmosphere should be removed by gravity and/or be rained out.**Section 13: Disposal Considerations****Waste Disposal:** Neutralise with dilute acid (eg. 3 mol/L hydrochloric acid) or similar. For small amounts absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.**Legislation:** Dispose of in accordance with relevant local legislation.**Section 14: Transport Information**

<b>Shipping Name:</b>	None Assigned	<b>Hazchem Code:</b>	None Assigned
<b>UN No.:</b>	None Assigned	<b>Subsidiary Risk(s)</b>	None Assigned
<b>Pkg Group:</b>	None Assigned	<b>EPG</b>	None Assigned
<b>DG Class:</b>	None Assigned		

**Section 15: Regulatory Information****Poison Schedule:** Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).**AICS:** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).**Section 16: Other Information****Date of MSDS Update:** April 2011