Safety Data Sheet
according to WHS Regulations

Printing date 27.06.2018 Revision: 27.06.2018

1 Identification

Product Name: pH INCREASER / SODA ASH

Other Means of Identification: Mixture
Other Name: Dense soda ash

Recommended Use of the Chemical and Restriction on Use: Water treatment and pH control.

Details of Manufacturer or Importer:
The POPS Group Pty Ltd as Trustee for The Pool Shops Trust
10-12 Cairns Street
Loganholme QLD 4129

Phone Number:
07 3209 7884
1800 143 788

Emergency telephone number:
1800 033 111
+61 3 9663 2130 International

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.

(Contd. on page 2)

Safety Data Sheet
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Printing date 27.06.2018 Revision: 27.06.2018

Product Name: pH INCREASER / SODA ASH

(Contd. of page 1)

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 497-19-8	Sodium carbonate Serious Eye Damage/Irritation 1, H318; STOT SE 3, H335	>60%

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 symptoms persist.

Skin Contact:
Remove contaminated clothing and wash affected areas with soap and water. Seek medical attention if symptoms persist. Launder clothing before reuse.

Eye Contact:
In case of eye contact, check for and remove any contact lenses. Immediately irrigate eyes with plenty of running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Ingestion:
If swallowed, do NOT induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Information for Doctor: Treat symptomatically.

Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: Causes serious eye damage.
Ingestion: Large amounts may cause nausea and vomiting.

5 Fire Fighting Measures

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

Specific Hazards Arising from the Chemical:
Decomposes on heating emitting toxic fumes of carbon and sodium oxides.
Product is not flammable but may decompose in a fire.
Not considered to be an explosion hazard.
Containers close to fire should be removed 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 self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Ensure adequate ventilation. Do not breathe dust.

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

(Contd. on page 3)

Safety Data Sheet
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Printing date 27.06.2018 Revision: 27.06.2018

Product Name: pH INCREASER / SODA ASH

(Contd. of page 2)

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and contain spill. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Caution - heat may be evolved on contact with water.

7 Handling and Storage

Precautions for Safe Handling:
Caution - heat may be evolved on contact with water.
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, well ventilated place and out of direct sunlight. Keep containers closed when not in use. Protect from moisture. Keep away from acids, water, aluminium, lead, magnesium, iron and zinc. Check regularly for spills.

8 Exposure Controls and Personal Protection

Exposure Standards: Rouge dust: TWA - 10mg/m3

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:
If necessary use with local exhaust ventilation or while wearing dust mask. Use an approved full face supplied air respirator if high airborne concentrations of the material are present. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
PVC, PVA, nitrile, neoprene, rubber or vinyl gloves should be worn if exposure is likely. 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:	
Form:	Crystalline or granular
Colour:	White
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	11.3 (1% solution)
Melting point/freezing point:	851 °C
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability:	Product is not flammable.

(Contd. on page 4)

Safety Data Sheet
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Printing date 27.06.2018 Revision: 27.06.2018

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(Contd. of page 3)

Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Not applicable
Density at 20 °C:	2.533 g/cm³
Bulk Density:	1.04 (granular form)
Vapour Density:	Not applicable
Evaporation Rate:	Not applicable
Solubility in Water at 25 °C:	250 g/l
Partition Coefficient (n-octanol/water):	Not determined
Viscosity:	Not determined

10 Stability and Reactivity

Possibility of Hazardous Reactions:
Hazardous polymerisation will not occur.
Caution - heat may be evolved on contact with water.

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

Conditions to Avoid: Moisture.

Incompatible Materials: Acids, water, aluminium, lead, magnesium, iron and zinc.

Hazardous Decomposition Products: Carbon and sodium oxides.

11 Toxicological Information

Toxicity:

LD_{50}/LC_{50} Values Relevant for Classification:		
CAS: 497-19-8 Sodium carbonate		
Oral	LD_{50}	4090 mg/kg (rat)

Acute Health Effects
Inhalation: May cause respiratory irritation.
Skin: May cause skin irritation.
Eye: Causes serious eye damage.
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: 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.

(Contd. on page 5)

Safety Data Sheet
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Printing date 27.06.2018 Revision: 27.06.2018

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(Contd. of page 4)

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity: No further relevant information available.

Aquatic toxicity: No further relevant information available.

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: 27.06.2018

Last Revision of MSDS: Rev 1.1 (30/06/2008)

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_{50}: Lethal concentration, 50 percent
LD_{50}: 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)
Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

(Contd. on page 6)

Safety Data Sheet
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Product Name: pH INCREASER / SODA ASH

(Contd. of page 5)

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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