



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 11.06.2013

Revision: 11.06.2013

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: POOL PRO BUFFER (ALL GRADES)**Other Name:** Sodium bicarbonate**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, stockfeed buffer.

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 . HAZARDS IDENTIFICATION

Hazardous Nature: The product is not classified according to the Globally Harmonized System (GHS).**Label Elements****Signal Word** Void**Hazard Statements** Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

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

144-55-8	Carbonic acid, monosodium salt	>99%
	Impurities	<1%

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:

Never give anything by mouth to an unconscious person. Immediately rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek immediate medical attention.

Information for Doctor Treat symptomatically.

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5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water fog or if unavailable fine water spray, foam and dry agent (carbon dioxide, dry chemical powder).

Specific Hazards Arising from the Chemical

Decomposes on heating emitting toxic fumes, including those of oxides of carbon.

Special Protective Equipment and Precautions for Fire Fighters

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia 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.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess 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, well ventilated place and out of direct sunlight. Keep containers tightly closed when not in use. Protect from moisture. Store away from strong acids and strong oxidising agents. Check regularly for spills.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards (Safe Work Australia): Rouge dust: TWA - 10mg/m³

Engineering Controls:

Local exhaust ventilation is recommended when dusts can be released in excess of established airborne exposure limits.

Personal Protective Equipment (PPE):**Respiratory Protection:**

Use with local exhaust ventilation or while wearing dust mask. Use a Safe Work Australia 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:

Protective gloves and protective clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

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Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Crystalline powder
Colour:	White
Odour:	Odourless
Odour Threshold:	No information available
pH-Value at 20 °C:	8.4 (1% aqueous solution)
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	70 °C
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Bulk Density:	No information available
Relative Density at 20 °C:	2.159 (compressed solid)
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water at 20 °C:	96 g/l

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No information available

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

Conditions to Avoid: Moisture.

Incompatible Materials: Strong acids and strong oxidising agents.

Hazardous Decomposition Products: Toxic fumes, including those of oxides of carbon and sodium.

11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****144-55-8 Carbonic acid, monosodium salt**

Oral	LD ₅₀	3360 mg/kg (mouse)
		4220 mg/kg (rat)

Acute Health Effects

Inhalation: Breathing in dust may result in respiratory irritation.

Skin: Contact with skin will result in mild irritation.

Eye:

May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Ingestion: Ingestion of large amounts can cause gastrointestinal disturbance.

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Skin Corrosion / Irritation: Not expected to be a hazard.**Serious Eye Damage / Irritation:** Not expected to be a hazard.**Respiratory or Skin Sensitisation:** No sensitising effects known.**Germ Cell Mutagenicity:** Not expected to be a hazard.**Carcinogenicity:** Not expected to be a hazard.**Reproductive Toxicity:** Not expected to be a hazard.**Specific Target Organ Toxicity (STOT) - Single Exposure:** Not expected to be a hazard.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:** Not expected to be a hazard.**Aspiration Hazard:** Not expected to be a hazard.**Chronic Health Effects:** Not expected to be a hazard.**Existing Conditions Aggravated by Exposure:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No 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
ADG, IMDG, IATA No information available**Proper Shipping Name**
ADG, IMDG, IATA No information available**Dangerous Goods Class**
ADG Class: No information available**Packing Group:** No information available
ADG, IMDG, IATA No information available**Hazchem Code:** No information available**Special Provisions:** No information available**Limited Quantities:** No information available**Packagings & IBCs - Packing Instruction:** No information available**Packagings & IBCs - Special Packing Provisions:** No information available**Portable Tanks & Bulk Containers - Instructions:** No information available

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Portable Tanks & Bulk Containers - Special Provisions:

No information available

15 . REGULATORY INFORMATION**Australian Inventory of Chemical Substances:**

144-55-8 Carbonic acid, monosodium salt

16 . OTHER INFORMATION**Creation Date:** 11.06.2013**Last Revision of MSDS:** Rev 1.1 (16/06/2008)**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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