



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 19.06.2013

Revision: 19.06.2013

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: POOL PRO CALCIUM REMOVER

Recommended Use of the Chemical and Restriction on Use: Calcium remover

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: Product safety department

Emergency telephone number: During normal opening times: +61 2 6287 6905

2. HAZARDS IDENTIFICATION

Hazardous Nature:



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

Label Elements

Signal Word Danger

Hazard Statements

H318 Causes serious eye damage.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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 or doctor/physician.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

2809-21-4	Phosphonic acid, (1-hydroxyethylidene)bis-	<10>20%
	 Met. Corr. 1, H290; Eye Dam. 1, H318	

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, immediately 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.

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Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical No further relevant information available.

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 approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

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 and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 . HANDLING AND STORAGE**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. 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. Keep container tightly closed. Protect from direct sunlight. Keep away from strong oxidising agents. Check regularly for spills.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards (Safe Work Australia):**

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

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

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

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:	Liquid
Colour:	No information available
Odour:	No information available
Odour Threshold:	No information available
pH-Value at 20 °C:	6.5-7.5
Melting point/Melting range:	Undetermined.
Initial Boiling Point/Boiling Range:	100 °C
Flash Point:	Not applicable.
Flammability:	Not applicable.
Auto-ignition Temperature:	
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Solubility in Water:	Completely soluble

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: No further relevant information available.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: No information available

11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****2809-21-4 Phosphonic acid, (1-hydroxyethylidene)bis-**

Oral	LD ₅₀	1800 mg/kg (rat)
Dermal	LD ₅₀	10000 mg/kg (rabbit)

Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin: No irritant effect.

Eye: Irritant. Corrosive. May cause permanent eye injury.

Ingestion: May cause nausea and vomiting and damage mouth and gastro-intestinal tract.

Skin Corrosion / Irritation: Not expected to be a hazard.

Serious Eye Damage / Irritation: Causes serious eye damage.

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Respiratory or Skin Sensitisation: No sensitising effects known.**Germ Cell Mutagenicity:** No information available**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** No information available**Specific Target Organ Toxicity (STOT) - Single Exposure:** No information available**Specific Target Organ Toxicity (STOT) - Repeated Exposure:** No information available**Aspiration Hazard:** No information available**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity:**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.

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 applicable**Proper Shipping Name** Not applicable**Dangerous Goods Class** Not applicable**Packing Group:** Not applicable**Marine pollutant:** No

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

2809-21-4 Phosphonic acid, (1-hydroxyethylidene)bis-

9003-04-7 2-Propenoic acid, homopolymer, sodium salt

7732-18-5 Water

16 . OTHER INFORMATION

Creation Date: 19.06.2013**Last Revision of MSDS:** 02.07.2008**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au

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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

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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