



# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 20.06.2013

Revision: 20.06.2013

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** POOL PRO ASCORBIC ACID

**Recommended Use of the Chemical and Restriction on Use:** No further relevant information available.

**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:**

50-81-7	ascorbic acid	≥99%
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## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

**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.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

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

**Specific Hazards Arising from the Chemical**

On burning will emit toxic fumes, including those of oxides of carbon.

Combustible solid. Slightly flammable to flammable in presence of open flames and sparks, of heat. Slightly

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explosive in presence of open flames and sparks. As with most powdered organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion

**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. 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 and contain spill. Vacuum or wet sweep spilled material and place in an appropriate container for disposal. Avoid generating dust.

**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. Store away from oxidising agents. Keep containers closed when not in use. Check regularly for spills.

**8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure Standards (Safe Work Australia):** Rouge dust: TWA - 10mg/m<sup>3</sup>

**Engineering Contols:**

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 an 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.

**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:** Solid

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<b>Colour:</b>	White to yellowish
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value at 20 °C:</b>	3 (0.5% solution)
<b>Melting point/Melting range:</b>	191-192 °C
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Flammability:</b>	May be combustible at high temperature.
<b>Auto-ignition Temperature:</b>	660 °C
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Soluble in water

### 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:** Heat, ignition sources, light, air.

**Incompatible Materials:** Oxidising agents.

**Hazardous Decomposition Products:** On burning will emit toxic fumes, including those of oxides of carbon.

### 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

**LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:**

**50-81-7 ascorbic acid**

Oral	LD <sub>50</sub>	11900 mg/kg (rat)
		3367 mg/kg (mouse)

**Acute Health Effects**

**Inhalation:** Breathing in dust may result in respiratory irritation.

**Skin:** Contact with skin may result in 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:** No adverse effects expected, however, large amounts may cause nausea and vomiting.

**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:** Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

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**Reproductive Toxicity:**

May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. Human - passes through the placenta, excreted in maternal milk.

**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:**

Prolonged or repeated ingestion may affect the blood/bone marrow and metabolism. May also affect behavior.

### 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid contaminating waterways.**Aquatic toxicity:** No information available**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

<b>UN Number</b> ADG, IMDG, IATA	Not applicable
<b>Proper Shipping Name</b> ADG, IMDG, IATA	Not applicable
<b>Dangerous Goods Class</b> ADG Class:	Not applicable
<b>Packing Group:</b> ADG, IMDG, IATA	Not applicable
<b>Hazchem Code:</b>	Not applicable
<b>Special Provisions:</b>	Not applicable
<b>Limited Quantities:</b>	Not applicable
<b>Packagings &amp; IBCs - Packing Instruction:</b>	Not applicable
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	Not applicable
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	Not applicable
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	Not applicable

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

50-81-7 | ascorbic acid

**16 . OTHER INFORMATION****Creation Date:** 20.06.2013**Last Revision of MSDS:** Rev 1.1 (16/06/2008)**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.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

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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