

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Filter Cleaner

Other Identifier: Trisodium phosphate

Recommended Use: Cleaning of pool and spa cartridge filters

Supplier: Big Bubble
ABN: 42 719 707 618

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Poisons Information Centre: 131 126 Australia

2. HAZARDS IDENTIFICATION

Road and Rail; Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Globally Harmonised System

Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard Categories

Skin corrosion / irritation – Category 2
Serious eye damage / irritation – Category 2
Specific Target Organ Toxicity – Category 3

Pictogram



Name of pictogram

Exclamation mark

Signal Word

Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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Precautionary Statement

Prevention

P261 Avoid breathing dust.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 IF INHALED: Remove victim 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.
P312 Call a POISON CENTRE or doctor if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice.
P337 + P313 If eye irritation persists: Get medical advice.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

Poisons Schedule:

Schedule 5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Trisodium phosphate, dodecahydrate	10101-89-0	98 – 100%

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Ingestion:

IF SWALLOWED: Rinse mouth, then drink plenty of water. Do NOT induce vomiting. If vomiting occurs naturally, rinse mouth and repeat administration of water. For advice, contact a Poisons Information Centre or a doctor (at once). Never give anything by mouth to a victim who is unconscious or having convulsions.

Eye Contact:

IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin Contact:

IF ON SKIN (or hair): Remove contaminated clothing and flush skin with running water for at least 15 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

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Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor/physician for advice. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
Medical attention and special treatment:	Provide general supportive measures and treat symptomatically.

5. FIRE FIGHTING MEASURES

General	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.
Flammability Conditions	Trisodium phosphate, dodecahydrate is not combustible and does not contribute to the intensity of a fire.
Suitable Extinguishing Media:	If material is involved in a fire, use methods for the surrounding fire and other materials involved in the fire. Suppress gases/vapours/mists with a water spray jet. Prevent fire extinguishing water from contaminated surface water or the ground water system.
Fire and Explosion Hazards	Closed containers exposed to heat may explode. Solutions can react with metals, such as aluminium, zinc, and galvanised iron, to produce highly flammable hydrogen gas, which may explode if ignited.
Hazardous combustion products:	When involved in a fire, this material may decompose and produce irritating vapours, acrid smoke, and toxic gases, including oxides of phosphorous.
Precautions for fire fighters and special protective equipment:	Contain runoff from fire control or dilution water – Runoff may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. Do not touch or walk through spilled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin, and clothing.
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Protective equipment:	Use personal protective equipment as required (see SECTION 8).
Emergency procedures:	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Evacuate the area promptly and keep upwind of the spilled material.
Environmental Precautions:	Do not allow the spilled material to enter public drainage system or open water courses.
Methods and materials for Containment and clean up:	Stop leak if you can do it without risk. Contain the discharged material – Prevent entry into waterways, sewers, basements, or confined areas. With clean shovel, place material into clean, dry container and cover loosely; move containers from spill area. If sweeping of a contaminated area is necessary, use a dust suppressant agent which does not react with product. Thoroughly wash the area after a spill or leak clean-up.

7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:	Keep in the original container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Avoid freezing. Keep container tightly closed when not in use. Keep away from sources of ignition – No smoking. Keep away from incompatible materials (see SECTION 10). Keep this material away from food, drink, and animal feed. Store locked up. Material should be stored in secondary containers or in a diked area, as appropriate.
Precautions for safe handling:	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation – Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. All employees who handle this material should be trained to handle it safely. Avoid generating dust. Avoid breathing dust and contact with eyes, skin, and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	No specific exposure standards are available for this product. For dusts from solid substances without specific occupational exposure standards: Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m ³ (measured as inhalable dust).
Biological Monitoring	No information available.
Engineering Controls	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

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Personal Protective Equipment

Eye and Face	Wear appropriate eye protection to avoid eye contact. Recommended: Wear safety glasses (or goggles).
Skin	Wear protective gloves. Recommended: Use impervious gloves. Gloves should be tested to determine their suitability for prolonged contact with this material. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Protective apron.
Respiratory	None required where adequate ventilation conditions exist. In case of inadequate ventilation, wear respiratory protection. Recommended: If airborne concentration is high, use an appropriate respirator or dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Colour:	White
Odour:	Odourless
pH:	12.0 (1% solution)
Solubility:	Soluble in water (28 g/100 mL) 16°C
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available
Boiling Point:	No Data Available
Melting/Freezing Point:	73°C
Freezing Point	No Data Available
Odour Threshold:	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Relative Density:	1.62
Upper Flammability Limit	No Data Available
Lower Flammability Limit:	No Data Available
Explosive limits:	No Data Available

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Vapour density:	No Data Available
Vapour pressure;	No Data Available
Viscosity:	No Data Available
Biopersistence:	No Data Available
Crystallinity:	No Data Available
Dustiness:	No Data Available
Particle size:	No Data Available
Redox potential:	No Data Available
Release of invisible flammable vapours and gases	No Data Available
Saturated Vapour Concentration	No Data Available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under conditions of standard temperature and pressure.
Conditions to avoid:	Avoid high temperatures, exposure to air and incompatible materials.
Incompatible materials:	Trisodium phosphate is incompatible with strong acids and may react violently; in solution reaction may cause splattering. In solution, Trisodium phosphate will react with metals such as aluminium, zinc, and galvanised iron to form flammable hydrogen gas. Trisodium phosphate may react violently with magnesium. Trisodium phosphate can be corrosive to some metals, including aluminium, zinc, and tin. Trisodium phosphate is corrosive to grey cast iron at high temperatures and may be corrosive to steel or brass, if wet.
Hazardous decomposition products:	This material may decompose and produce irritating vapours, acrid smoke, and toxic gases, including oxides of phosphorous. Solutions can react with metals such as aluminium, zinc, and galvanised iron to produce highly flammable hydrogen gas that may explode if ignited.
Hazardous reactions or Polymerisation	Will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	May cause gastrointestinal discomfort if consumed in large amounts.
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Eye contact:	Severe contact with the eyes can cause corneal injury, including clouding and burns, which could lead to blindness. Dust contact with the eyes can lead to mechanical irritation.
Skin contact:	Severe exposure or contact in the presence of moisture, or if product is in solution can cause burns. Contact with dust can cause mechanical irritation or dying of the skin.
Inhalation:	May cause irritation of the respiratory tract.
Acute Toxicity:	LD50, Rat (Oral): 7,400 mg/kg [RTECS] LD50, Rat (Dermal): >7,940 mg/kg [Supplier's SDS]
Carcinogenicity:	Not expected to be carcinogenic.
Mutagenicity:	Not expected to be mutagenic.
Reproductive:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available.
Persistence and degradability:	No information available.
Bioaccumulative potential:	Product is not expected to accumulate in the food chain.
Mobility:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.
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14. TRANSPORT INFORMATION

Road and Trail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

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15. REGULATORY INFORMATION

Poisons Schedule: Schedule 5

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.

16. OTHER INFORMATION

Revision date: 09/07/2026

Reason for issue: Update SDS

This material safety data sheet has been prepared by Midland Chemicals.

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.