

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Scouring Powder

Recommended Use: A non-abrasive product used for removing stains and grimes

Supplier: Big Bubble
ABN: 51 290 656 636

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

Carcinogen – Category 1
Specific Target Organ Toxicity (Repeated Exposure) – Category 1
Skin Corrosion/Irritation – Category 2
Serious Eye Damage/Irritation – Category 2A

Pictogram



Name of pictogram

Exclamation Mark
Health Hazard

Signal Word

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Danger

Hazard Statements

H303 May be harmful if swallowed.
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation.
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary Statements

General **P102** Keep out of reach of children.
 P103 Read label before use.
 P104 Read Safety Data Sheet before use.

Prevention **P201** Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash hands and face thoroughly after handling.
 P270 Do not eat, drink, or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response **P302 + P352** IF ON SKIN: Wash with plenty of soap and 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.
 P308 + P313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER 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 relevant regulations.

Poisons Schedule: Not scheduled

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Quartz (crystalline silica)	14808 – 60 – 7	> 60%
Trisodium phosphate, chlorinated, hydrate	56802 – 99 – 4	10 - 20%
Sodium carbonate	497 – 19 – 8	< 10%
Ingredients determined not to be hazardous		Balance %

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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. Get medical advice/attention. Never give anything by mouth to an unconscious person.
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 rinsing for 15 minutes. Get medical advice/attention immediately.
Skin Contact:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
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 resuscitation if victim is not breathing – Administer oxygen if breathing is difficult. If respiratory symptoms persist, get medical advice/attention.
Medical attention and special treatment:	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	Non-combustible material.
Suitable Extinguishing Media:	Use an extinguishing media suitable for the surrounding fire.
Fire and Explosion Hazards	Hazardous fumes such as chlorine may be produced when involved in a fire.
Hazardous combustion products:	Fire or heat may produce irritating, toxic and/or corrosive fumes, including Chlorine gas and oxides of Carbon, Nitrogen and Phosphorous. May emit corrosive fumes.
Precautions for fire fighters and special protective equipment:	Contain runoff from fire control or dilution water – Runoff may pollute waterways. Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available

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Flammability: No Data Available

Flash Point: No Data Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Spill or leak should be isolated immediately. Keep unauthorised personnel away.

Protective equipment: Use Personal Protective Equipment as seen in SECTION 8.

Emergency procedures: Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk-through spilled material. Clear up spills immediately. Avoid generating dust. Avoid breathing dust and contact with eyes, skin, and clothing.

Environmental Precautions: Prevent product from entering drains and waterways.

Methods and materials for Containment and clean up: Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust. For disposal see SECTION 13. Flush area with water. Do not flush into surface water or sanitary sewer drains. Prevent any mixture with an acid into the sewer/drain (gas formations).

7. HANDLING AND STORAGE

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

Conditions for safe storage: Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep container tightly closed. Protect from humidity and water. Keep away from extreme heat and sources of ignition – No smoking. Keep away from foodstuffs and incompatible materials (See Section 10). Keep in the original container. Store locked up.

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 practices. Minimise dust generation and accumulation. Avoid breathing dust and contact with eyes, skin, and clothing. Do not ingest. Use personal protective equipment (See SECTION 8).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures: Safework Australia exposure standard of 8 hr TWA = 0.05 mg/m³

Biological Monitoring No information available.

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Engineering Controls	Avoid inhalation. Use in well-ventilated areas. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminants at its source, preventing dispersion of it into the general work area.
Personal Protective Equipment	
Eye and Face	Wear dust proof goggles.
Skin	Wear PVC, rubber, or cotton gloves. When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory	Where an inhalation risk exists, wear a Class P1 (Particulate) respirator. At high dust levels, wear a Powered Air Purifying Respirator (PAPR) with Class P3 (Particulate) filter or an Air-Line respirator or a full-face Class P3 (Particulate) respirator. Use only respirator that conforms to international/national standards (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid / Granules
Colour:	White
Odour:	Odourless
pH:	10.07
Solubility:	Slightly soluble
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:	No Data Available
Freezing Point	No Data Available
Odour Threshold:	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Relative Density:	No Data Available
Upper Flammability Limit	No Data Available

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Lower Flammability Limit:	No Data Available
Explosive limits:	No Data Available
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 recommended storage conditions. This product may be unstable above 60 °C.
Conditions to avoid:	Avoid heat, sparks, open flames, and other ignition sources. Avoid generating dust.
Incompatible materials:	Incompatible/reactive with acids, oxidising agents, magnesium, and phosphorous pentoxide.
Hazardous decomposition products:	Fire or heat may produce irritating, toxic, and/or corrosive gases, including Chlorine gas and oxides of Carbon.
Hazardous reactions or Polymerisation:	Does not occur.

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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:

Exposure Limits:	Safework Australia exposure standard of 8 hr TWA = 0.05 mg/m ³
Ingestion:	May cause discomfort/gastrointestinal irritation if swallowed. Symptoms may include abdominal pain, upset stomach, nausea, vomiting and diarrhoea.
Eye contact:	Causes serious eye irritation. Symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea or impaired vision.
Skin contact:	Contact may result in skin irritation, redness, rash, and dermatitis.
Inhalation:	May cause respiratory irritation. Inhalation may cause nose, throat, and lung irritation, at high concentrations, cough. Repeated exposure may result in pulmonary fibrosis.
Acute Toxicity:	Not estimated to have an acute toxicity (oral).
Carcinogenicity:	Suspected to be a carcinogen.
Mutagenicity:	No data available.
Reproductive:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	High concentrations in receiving waters will injure aquatic life by raising pH. The orthophosphate can act as a plant nutrient and precipitate heavy metals.
Persistence and degradability:	This product is not considered to be rapidly degradable in the environment.
Bioaccumulative potential:	No information available.
Mobility:	Immobile in soil.

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 Rail 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.

15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled.

16. OTHER INFORMATION

Revision date: 21/08/2023

Reason for issue: Update SDS

Key/Legend:

< Less Than^[SEP]

> Greater Than^[SEP]

AICS Australian Inventory of Chemical Substances^[SEP]

atm Atmosphere^[SEP]

CAS Chemical Abstracts Service (Registry Number)^[SEP]

cm² Square Centimetres^[SEP]

CO₂ Carbon Dioxide^[SEP]

COD Chemical Oxygen Demand^[SEP]

deg C (°C) Degrees Celcius^[SEP]

g Grams^[SEP]

g/cm³ Grams per Cubic Centimetre^[SEP]

g/l Grams per Litre^[SEP]

HSNO Hazardous Substance and New Organism^[SEP]

IDLH Immediately Dangerous to Life and Health^[SEP]

immiscible Liquids are insoluble in each other.^[SEP]

inHg Inch of Mercury^[SEP]

inH₂O Inch of Water^[SEP]

K Kelvin^[SEP]

kg Kilogram^[SEP]

kg/m³ Kilograms per Cubic Metre^[SEP]

LC₅₀ LC stands for lethal concentration. LC₅₀ is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

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LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

ltr or **L** Litre

m³ Cubic Metre

mbar Millibar

mg Milligram

mg/24H Milligrams per 24 Hours

mg/kg Milligrams per Kilogram

mg/m³ Milligrams per Cubic Metre

Misc or Miscible Liquids form one homogeneous liquid phase regardless of the amount of either component present.

mm Millimetre; **mmH₂O** Millimetres of Water

mPa.s Millipascals per Second

N/A Not Applicable

NIOSH National Institute for Occupational Safety and Health

NOHSC National Occupational Health and Safety Commission

OECD Organisation for Economic Co-operation and Development

PEL Permissible Exposure Limit

Pa Pascal

ppb Parts per Billion

ppm Parts per Million

ppm/2h Parts per Million per 2 Hours

ppm/6h Parts per Million per 6 Hours

psi Pounds per Square Inch

R Rankine

RCP Reciprocal Calculation Procedure

STEL Short Term Exposure Limit

TLV Threshold Limit Value; **tn** Tonne

TWA Time Weighted Average

ug/24H Micrograms per 24 Hours

UN United Nations

wt Weight

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.