

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: All Purpose Powder

Recommended Use: Cleaning and removal of oil, grease and general grime from hard services and Aluminium filters

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

Serious Eye Damage/Irritation – Category 1
Skin Corrosion/Irritation – Category 1
Specific Target Organ Toxicity (Single Exposure) – Category 3

Pictogram



Name of pictogram
Corrosive

Signal Word
Danger

SAFETY DATA SHEET

Hazard Statements

- H302** Harmful if swallowed.
- H314** Causes severe skin burns and eye damage.
- H335** May cause respiratory irritation.
- H336** May cause drowsiness or dizziness.

Precautionary Statement

General

- P101** If medical advice is needed, have product container or label at hand.
- P102** Keep out of reach of children.
- P103** Read label before use.

Prevention

- P260** Do not breathe dust or mist.
- P264** Wash skin 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 eye protection/face protection.

Response

- P301 + P312** IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
- P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302 + P352** IF ON SKIN: Wash with plenty of water.
- P303 + P361 + P353** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340** IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
- P310** Immediately call a POISON CENTRE or doctor/physician.
- P312** Call a POISON CENTRE or doctor/physician if you feel unwell.
- P332 + P313** If skin irritation occurs: Get medical advice/attention.
- P337 + P313** If eye irritation persists: Get medical advice.
- P362** Take off contaminated clothing.
- P363** Wash contaminated clothing before reuse.

Storage

- P403 + P233 + P235** Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- P405** Store locked up.

Disposal

- P501** Dispose of contents/container in accordance with local regulations.

Poisons Schedule: Not Scheduled

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Carbonic acid, disodium salt	497-19-8	50-60%
Phosphoric acid, trisodium salt	7601-54-9	10-30%
Sodium metasilicate	10213-79-3	10-30%
Benzenesulfonic acid, dodecyl	27176-87-0	<10%
Alcohols, C9-11, ethoxylated propoxylated	103818-93-5	<1%
Ethanol	64-17-5	<1%
Ingredients determined not to be hazardous		Balance %

SAFETY DATA SHEET

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 immediate medical advice/attention. If vomiting occurs, give further water. 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 until advised to stop by a Poisons Information Centre or doctor/physician, 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 shoes immediately. Flush skin and hair with running water for several minutes; Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing until recovered. Remove contaminated clothing and loosen remaining clothing. If respiratory symptoms persist, get medical advice/attention. Give 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 difficult.
Medical attention and special treatment:	Treat symptomatically. Keep victim calm and warm. Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed. Ensure that attending medical personnel are aware of the identity and nature of the product(s) involved and take precautions to protect themselves.

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 does not burn.
Suitable Extinguishing Media:	If material is involved in a fire, use dry chemical, Carbon dioxide (CO ₂), foam or water spray for extinction. Use extinguishing method suitable for type of surrounding fire.
Fire and Explosion Hazards	Decomposes on heating, emitting toxic fumes.
Hazardous combustion products:	Fire or heat may produce irritating and/or toxic fumes, including Carbon oxides and Sodium oxides.
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) in combination with normal firefighting clothing (full fire kit).

SAFETY DATA SHEET

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: Spill or leak should be isolated immediately. Evacuate personnel to safe areas. Keep unauthorised or unprotected personnel away.

Protective equipment: Wear protective equipment to prevent skin and eye contact and breathing in dust (see SECTION 8).

Emergency procedures: Ensure adequate ventilation. Do not touch or walk-through spilled material – Slipping hazard! Avoid dust formation. Avoid breathing dust and contact with eyes, skin, and clothing.

Environmental Precautions: Prevent entry into soils, drains and waterways. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for Containment and clean up: Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas. Prevent dust cloud. Sweep or vacuum up but avoid generating dust. Collect and seal in suitable, properly labelled containers for disposal (see SECTION 13). Wash area down with excess water. Do not flush into surface water or sanitary sewer system. 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: Keep in the original properly labelled container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Keep containers closed when not in use – check regularly for spills. Avoid exposure to moisture. Keep away from extreme heat, foodstuffs, and incompatible materials (see SECTION 10).

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 place. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke in contaminated areas. 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).

SAFETY DATA SHEET

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): 8hr TWA = 10 mg/m ³ .
Biological Monitoring	No information available
Engineering Controls	Provide appropriate exhaust ventilation at places where dust is formed. Apply technical measures to comply with the occupational exposure limits.
Personal Protective Equipment	
Eye and Face	Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses with side shields or protective goggles.
Skin	Handle with gloves. Recommended: Impervious gloves, e.g., Nitrile rubber, natural rubber. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Long-sleeved protective clothing; Overalls or dust impervious suit; Apron (rubber or plastic); Safety shoes or boots (rubber or plastic)
Respiratory	Wear respiratory protection in case of inadequate ventilation or an inhalation risk exists. Recommended: Dust mask/particulate respirator (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid/Granules
Colour:	White
Odour:	Odourless
pH:	10.71 @ 1% solution.
Solubility:	Soluble in water
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

SAFETY DATA SHEET

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
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.
Conditions to avoid:	Avoid dust formation. Avoid exposure to moisture. Avoid exposure to heat.
Incompatible materials:	Incompatible/reactive with acids, magnesium, phosphorus pentoxide, fluorine, lead, iron, zinc, and oxidizing agents.
Hazardous decomposition products:	Decomposed on heating, emitting toxic and/or corrosive fumes, including oxides of Carbon, Sulphur, and Phosphorus.
Hazardous reactions or Polymerisation:	Does not occur.

SAFETY DATA SHEET

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:	Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m ³ (measured as inhalable dust).
Ingestion:	May cause severe irritation, nausea, abdominal pain, vomiting, diarrhoea.
Eye contact:	Causes serious eye damage ; Corrosive to eyes – May cause permanent injury, blindness.
Skin contact:	Irritating to skin, causes skin burns. May be harmful if absorbed through skin.
Inhalation:	
Acute Toxicity:	Not estimated to have an acute toxicity (oral).
Carcinogenity	No information available.
Mutagenicity	No information available.
Reproductive	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Rinse-off large amounts into drains or the aquatic environment may lead to increased pH values. A high pH value is harmful to aquatic organisms.
Persistence and degradability	The product is not considered to be rapidly degradable in the environment.
Bioaccumulative potential	No information available.
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.

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.
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SAFETY DATA SHEET

UN number: N/A
Proper shipping name; All Purpose Powder
DG Class N/A
Packing group N/A
Environmental hazards for transport purposes N/A
Special Precaution for user N/A
Hazchem N/A

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.

UN number: N/A
Proper shipping name; All Purpose Powder
DG Class N/A
Packing group N/A
Environmental hazards for transport purposes N/A
Special Precaution for user N/A
Hazchem N/A

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.

UN number: N/A
Proper shipping name; All Purpose Powder
DG Class N/A
Packing group N/A
Environmental hazards for transport purposes N/A
Special Precaution for user N/A
Hazchem N/A

15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled

SAFETY DATA SHEET

16. OTHER INFORMATION

Revision date: 21/08/2023

Reason for issue: Update SDS

Key/Legend:

< Less Than

> Greater Than

AICS Australian Inventory of Chemical Substances

atm Atmosphere

CAS Chemical Abstracts Service (Registry Number)

cm² Square Centimetres

CO₂ Carbon Dioxide

COD Chemical Oxygen Demand

deg C (°C) Degrees Celcius

g Grams

g/cm³ Grams per Cubic Centimetre

g/l Grams per Litre

HSNO Hazardous Substance and New Organism

IDLH Immediately Dangerous to Life and Health

immiscible Liquids are insoluble in each other.

inHg Inch of Mercury

inH₂O Inch of Water

K Kelvin

kg Kilogram

kg/m³ Kilograms per Cubic Metre

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.

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

SAFETY DATA SHEET

ppm/2h Parts per Million per 2 Hours^[SEP]

ppm/6h Parts per Million per 6 Hours^[SEP]

psi Pounds per Square Inch^[SEP]

R Rankine^[SEP]

RCP Reciprocal Calculation Procedure

STEL Short Term Exposure Limit

TLV Threshold Limit Value^[SEP] the Tonne^[SEP]

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.