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SAFETY DATA SHEET

Section 1. Identification

Product Identifier: Collector Device W2
Other means of identification: Product code: PPPB CD2 - Certified Collector Device W2

Recommended use of the chemical and restrictions on use: Used as an additive for earth resources and mining sites, as part of an adsorbent process to determine metal concentrations in the field. Only to be used by trained staff.

Details of manufacturer or importer:
Portable PPB Pty Ltd
Unit 2, 42 Tulloch Way
Canning Vale, Western Australia, 6155, AUSTRALIA

Telephone Number: +61 8 6248 7714

Emergency Telephone Number: 24 hours - +61 417 904 611

Section 2. Hazards Identification

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.

Based on available information, not classified as hazardous according to Safe Work Australia, NON-HAZARDOUS CHEMICAL.

Poisons Schedule (SUSMP): None allocated.

Signal Word: Not applicable
Hazard Statements: Not applicable
Precautionary statements: Not applicable
Prevention: Not applicable

Response
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.
If inhaled: If breathed in, move person into fresh air, if not breathing, give artificial respiration.
If on skin: Wash with plenty of soap and water.
Eye contact: Flush eyes with water as a precaution

Storage: Store in a well-ventilated place. Keep container tightly closed.
Other hazards: None
Hazard Symbols: Not applicable

Section 3. Composition and information on ingredients

Chemical Identity	Synonym	CAS Number	Proportions (%w/w)
Polystyrene beads		Not known	40-60
Water		7732-18-5	To 100%

All ingredients in this product mixture fall below the cut offs determination based on model Work Health and Safety regulations. All other cut offs are taken from the GHS 5th edition.

Section 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.

Have the product label or SDS with you when calling or going for treatment.
Ingestion: If swallowed, never give anything by mouth to an unconscious person. Rinse month with water.
Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.
Skin Contact: Wash off with plenty of soap and water.
Inhalation: Move person to fresh air. If breathing is irregular or stopped, administer artificial.
Respiration: Keep patient warm and at rest.
Symptoms caused by exposure: Common symptoms (see section 2 and or in section 11).
Medical attention and special treatment: No data available

Section 5. Firefighting measures

Suitable extinguishing equipment:
Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Specific Hazards arising from the chemical:
Sulphur oxides, Sodium oxides, Nitrogen oxides not combustible.
Special protective equipment and precautions for firefighters:
Wear self-contained breathing apparatus for firefighting if necessary.
Hazchem Code: Not applicable

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:
No special precautions. Spillages from broken bag can cause slippery surfaces.
Environmental precautions:
No special environmental precautions required. If spillage occurs, prevent entry into drains and natural waterways.
Methods and materials for containment and cleaning up:
Sweep up as much as possible. Keep in suitable closed plastic containers, for recovery or disposal.

Section 7. Handling and storage

Precautions for safe handling:
No special precautions are required for this mixture.
Conditions for safe storage, including any incompatibilities:
Keep container tightly closed in a dry and well-ventilated place. Keep in a dry location. Do not store above 40°C for extended periods.

Section 8. Exposure controls and personal protection

No exposure standard assigned for this specific material by Safe Work Australia.

Engineering controls:
No specific precautions.
Individual protection measures for example personal protective equipment (PPE):
No specific precautions, other than wearing general PPE such as safety glasses, gloves, protective clothing, and access to water supply for washing hands.
Other information:
General good hygiene and work practices, to avoid spillage.

Section 9. Physical and chemical properties

Appearance:	Whitish material in 1 inch square (25 mm) mesh bags
Odour:	Slight fish odour in warmer conditions
Odour threshold:	No data available
pH:	Slightly alkaline
Melting point/freezing point:	No data available
Boiling point and boiling range:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	Not flammable
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	1.04
Solubility:	Not soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Other physical/chemical parameters

Specific heat value:	No data available
Saturated vapour concentration:	No data available
Release of invisible flammable vapours and gases:	Not flammable
Particle size (average and range):	No data available
Size distribution:	No data available
Shape and aspect ratio:	No data available
Crystallinity:	No data available
Dustiness:	No data available
Surface area:	No data available
Degree of aggregation or agglomeration, and dispersibility:	No data available
Redox potential:	No data available
Biodurability or biopersistence:	No data available
Surface coating or chemistry:	No data available

Section 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions
Possibility of hazardous reactions:	No data available
Conditions to avoid:	No data available
Incompatible materials:	Strong oxidizing agents and strong acids
Hazardous decomposition products:	Combustion or thermal decomposition will evolve toxic and irritant vapours such as sulphur oxides, sodium oxides, nitrogen oxides.

Section 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: No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye contact: No eye irritation expected.
Skin contact: No irritation expected.
Inhalation: No respiratory irritation expected.
Acute toxicity: No evidence of acute toxicity.
Respiratory or skin sensitisation: No data available.
Chronic effects: No data available.
Germ cell mutagenicity: No evidence of mutagenic effects.
Carcinogenicity: No evidence of carcinogenic effects.
Reproductive toxicity: No evidence of reproductive effects.
Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity – repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12. Ecological Information

Ecotoxicity:	On available data, mixture is not harmful to aquatic life.
Persistence/degradability:	No data is available.
Bioaccumulative potential:	Bioaccumulation is insignificant.
Persistence and degradability:	Not biodegradable
Bioaccumulative potential:	No data is available.
Mobility in soil:	Insoluble in water.
Other adverse effects:	No information available (environmental fate, ozone depletion, phoochemicalozone creation potential, endocrine-disruption potential, and global warming potential.)

Section 13. Disposal consideration

The used mixture may be subject to different classifications, in any case the mixture shall be disposed of according to local, regional, and national regulations.

Section 14. Transport consideration

Road and Rail Transport:
Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail. (ADG Code).

Marine Transport:
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport:
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Section 15. Regulatory information

This material is not subject to the following international agreements:
- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL).

This material/constituent(s) is covered by the following requirements:
- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act 1989 (Cwlth) (as amended). **If so, list the relevant Poisons Schedule number** - Not listed.
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

Source of data
This SDS has been prepared in accordance the Safe Work Australia Preparation of safety data sheets for hazardous chemicals Code of Practice prepared under the Work Health and Safety Act and Work Health and Safety Regulations.
Code of Practice: Labelling of workplace hazardous chemicals
'Standard for the Uniform Scheduling of Medicines and Poisons No. 23'

Hazard Classification
Australian Inventory of Chemical Substances (AICS) (NICNAS)
Chemical Assessment Reports (NICNAS)
Workplace Exposure Standards for Airborne Contaminants
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
(United Nations) Global Portal to Information on Chemical Substances (OECD).
OECD means the Organisation for Economic Cooperation and Development.
Hazardous Chemical Information System
European Chemicals Agency (ECHA)

Other references
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail.
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association

Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.
Australian Emergency Response Guidebook 2018.

Section 16. Other Information

Date of preparation: 6th July 2022
Reason for issue: Revised Non-DG formulation issue -minimum issue
Prepared by: Portable PPB Pty Ltd

Key abbreviations or acronyms used

< Less Than. > Greater Than. AICS Australian Inventory of Chemical Substances. atm Atmosphere. CAS Chemical Abstracts Service (Registry Number). cm² Square Centimetres. deg C (°C) Degrees Celsius. CNS Central Nervous System EC No European Community number. g Gram's g/cm³ Grams per Cubic Centimetre. g/l Grams per Litre. IDLH Immediately Dangerous to Life and Health. 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, 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. mg/m³ Milligrams per Cubic Metre NIOSH National Institute for Occupational Safety and Health. NOHSC National Occupational Health and Safety Commission. 30OECD Organisation for Economic Co-operation and development. ppb Parts per Billion. ppm Parts per Million. psi Pounds per Square Inch. REACH Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals. SWA Safe Work Australia. STEL Short Term Exposure Limit. TLV Threshold Limit Value. TWA Time Weighted Average. UN United Nations.

Disclaimer
This Safety Data Sheet was prepared in good faith from the best information available at that time of issue and is based on the present state of our knowledge and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. Portable PPB Pty Ltd and its Affiliates or Agents shall not be held liable or responsible for any damage or unauthorised use of this information or from contact with this product.

In all cases, please ensure you have the current version. The user is cautioned to make their own determinations as to the suitability of the information provided to the circumstances in which the product is used.

END OF SDS