

## Section 1 - Identification

**Product Name** Con A MagPoly Beads  
**Cat. No.** MAGP017, MAGP018, MAGP019, MAGP020  
**Product Type** Liquid  
**Company** Bio Basic Asia Pacific Pte Ltd.  
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Singapore 609930  
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**Email** sg@biobasic-asia.com

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## Section 2 - Hazards Identification

### Summary of Emergency

Black or brown liquid. No odor. No special emergency measures are required. After inhalation: Fresh air. In case of skin contact: Immediately remove or remove all soiled clothing. Wash your skin or shower with water. After eye contact: Wash off with plenty of water and remove contact lenses. After ingestion: Drink water immediately. If you feel unwell, consult a doctor.

### GHS Classification

Not a hazardous substance or mixture.

### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

### Physical and chemical hazards

Referring to current information, no physical or chemical hazard.

### Health Hazards

Referring to current information, no health hazard.

### Environmental hazards

Referring to current information, no environmental hazard.

### Other Hazards

None.

## Section 3 - Composition / Information on Ingredients

Substance/Mixture	Mixture	
Component	CAS No.	Concentration or concentration range (mass fraction, %)
Sodium Azide	26628-22-8	0.02%

Sodium azide may react with lead and copper to form highly explosive metallic azides. Recommended caution.

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## Section 4 - First Aid Measures

### Description of First-aid measures

<b>If inhaled</b>	After inhalation: fresh air.
<b>In case of skin contact</b>	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
<b>In case of eye contact</b>	After eye contact: rinse out with plenty of water. Remove contact lenses.
<b>If swallowed</b>	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

### Most important symptoms and effects

#### Acute effects

<b>Skin Contact</b>	No known significant effects or critical hazards.
<b>Eye Contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

#### Delayed effects

<b>Skin Contact</b>	No known significant effects or critical hazards.
<b>Eye Contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

### Indication of any immediate medical attention and special treatment needed

No data available.

### Notes to Physician

No data available.

## Section 5 - Fire Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** Water spray. Carbon dioxide. Foam. Dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media** Avoid using water jets, which may cause the mixture to splash and spread the fire.

**Special hazards arising from the substance or mixture** Nature of decomposition products not known.

**Advice for firefighters** In the event of fire, wear self-contained breathing apparatus. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Further information** No data available.

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## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard areas. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### Environmental precautions Methods for Cleaning Up

Do not let product enter drains.

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion proof equipment. For small spill. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. For large spill. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 13 for waste disposal.

## Section 7 - Handling and Storage

### Precautions for safe handling and storage

**Handling**

Avoid Inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Always wear recommended Personal Protective Equipment. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

**Storage**

Store at 2-8°C, do not freeze. Keep container tightly closed and sealed until ready for use. Keep in a dry, cool and well-ventilated place.

## Section 8 - Exposure Controls/Personal Protection Equipment

**Control parameters**

Ingredients with workplace control parameters: Contains no substances with occupational exposure limit values.

**Exposure controls**

Appropriate engineering controls: Change contaminated clothing. Wash hands after working with substance.

## Personal Protective Equipment

<b>Eye/face protection</b>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.
<b>Skin and Body protection</b>	Wear lightweight protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Control of environmental exposure</b>	Do not let the product enter drains.

## Section 9 - Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Form: liquid
<b>Color</b>	Black or brown
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability(solid,gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Water solubility</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	None

### Other safety information

No data available.

## Section 10 - Stability and Reactivity

<b>Reactivity</b>	No data available.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.

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<b>Conditions to avoid</b>	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	In the event of fire: see section 5.

## Section 11 - Toxicological Information

### Information on toxicological effects

#### Mixture

#### Acute toxicity

<b>Oral</b>	No data available
<b>Inhalation</b>	No data available
<b>Dermal</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity- single exposure</b>	No data available
<b>Specific target organ toxicity-repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available

#### Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

## Section 12 - Ecological Information

<b>Toxicity</b>	Mixture: No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>Endocrine disrupting properties</b>	No data available
<b>Other adverse effects</b>	No data available

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## Section 13 - Disposal Considerations

**Appropriate Method of Disposal of Substance or Preparation** Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Contact a licensed professional waste disposal service to dispose of this product, its solutions or any by-products. Observe all federal, state, and local environmental regulations.

## Section 14 - Transport Information

### **UN number**

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### **UN proper shipping name**

ADR/RID                      Not dangerous goods

IMDG                      Not dangerous goods

IATA-DGR                      Not dangerous goods

### **Transport hazard class(es)**

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### **Packaging group**

ADR/RID: -                      IMDG: -                      IATA-DGR: -

### **Environmental hazards**

ADR/RID: no                      IMDG: no                      IATA-DGR: no

### **Special precautions for user**

### **Incompatible materials**

Strong oxidizing agents.

### **Further information**

Not classified as dangerous in the meaning of transport regulations.

## Section 15 - Regulatory Information

**Safety, health and environmental regulations/legislation specific to the substance or mixture of National regulatory information**

### **Other regulations**

Please pay attention on the waste treatment should also comply with local regulations requirement.

### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

## Section 16 - Other Information

**Creation date** 08/23/2017

**Revision date** 01/19/2024

### **Key to abbreviations**

BCF - Bioconcentration Factor

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods

LogPow - logarithm of the octanol/water partition coefficient

UN = United Nations

### **For Research Use Only. Not for use in diagnostic procedures.**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**