



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	Kiko Ceramics
Revision date	11-04-2011
Version #	01
Product code	KT 10
Product use	Immersion in water for agricultural and/or industrial water uses.
Manufacturer/Supplier	Kiko Technology Limited 6A Vulcan House, 21-23 Leighton Road, Causeway Bay Hong Kong info@kikotechnology.com Contact Person: Nari Osugi
Telephone number	+852 2522-2132
Emergency	+1 415 613-5950

2. Hazards Identification

Physical state	Solid.
Appearance	Spherical.
Emergency overview	Low hazard under normal conditions.
OSHA regulatory status	This product is not hazardous according to OSHA 29CFR 1910.1200.
Potential health effects	
Eyes	Direct contact with eyes may cause temporary irritation.
Skin	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Ingestion may cause irritation and malaise.
Potential environmental effects	Not expected to be harmful to aquatic organisms.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures	
Eye contact	Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
Skin contact	Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air. Get medical attention if discomfort persists.
Ingestion	First aid is normally not required. Ingestion of large amounts may cause gastrointestinal symptoms.
Notes to physician	Treat symptomatically.

5. Fire Fighting Measures

Flammable properties	No unusual fire or explosion hazards noted.
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Fire fighting equipment/instructions	Use protective equipment appropriate for surrounding materials.
Hazardous combustion products	None.

6. Accidental Release Measures

Personal precautions	No special precautions.
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Environmental precautions	No specific precautions.
Methods for cleaning up	Collect spillage with shovel, broom or the like and reuse, if possible.
Other information	Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling	No specific usage precautions noted.
Storage	Store in suitable container.

8. Exposure Controls / Personal Protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Engineering controls	No special requirements under ordinary conditions of use and with adequate ventilation.
Personal protective equipment	
Eye / face protection	No protection is ordinarily required under normal conditions of use.
Skin protection	No special precautions.
Respiratory protection	Under normal conditions, respirator is not normally required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practices.

9. Physical & Chemical Properties

Appearance	Spherical.
Color	White, brown, reddish, pinkish, grey or black.
Odor	Odorless.
Odor threshold	Not available.
Physical state	Solid.
Form	Hard spherical volcanic stones/ceramics.
pH	Not relevant.
Melting point	None.
Freezing point	Not available.
Boiling point	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not applicable.
Flammability limits in air, upper, % by volume	Not applicable.
Flammability limits in air, lower, % by volume	Not applicable.
Vapor pressure	Not relevant.
Vapor density	Not relevant.
Specific gravity	Not available.
Solubility (water)	Not applicable.
Partition coefficient (n-octanol/water)	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not applicable.
VOC	None.
Viscosity	Not relevant.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal temperature conditions.
Conditions to avoid	None in particular.
Incompatible materials	None known.
Hazardous decomposition products	None known.

Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects None known.
Sensitization Not a skin sensitizer.
Carcinogenicity Not expected to cause cancer.
Epidemiology No data available for this product.
Mutagenicity Not classified.
Reproductive effects Not classified.

12. Ecological Information

Ecotoxicity Not expected to be harmful to aquatic organisms.
Persistence and degradability No data available.
Bioaccumulation / Accumulation No data available.
Partition coefficient (n-octanol/water) Not applicable.
Mobility in environmental media The product is insoluble in water.

13. Disposal Considerations

Waste from residues / unused products Dispose of in accordance with local regulations.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is not hazardous according to OSHA 29CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A) No

Section 311/312 (40 CFR 370) No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

WHMIS status Non-controlled

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS® ratings Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings Health: 0
Flammability: 0
Instability: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.

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