



Pony Testing International Group

Report No.: H07293007216D~1

MSDS Report

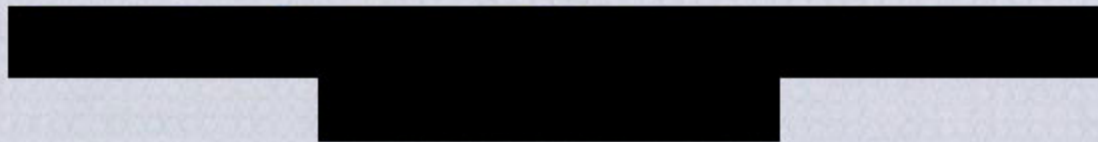
Samples

Water Beads

Client



Client Address



No.: H07293007216D
Code: r1js05p



www.ponytest.com Hotline 400-819-5688

Add: 北京市海淀区苏州街49-3号盈智大厦	Add: 上海市徐汇区桂平路680号35号楼4层	Add: 深圳市南山区创业路中兴工业城6栋1层	Add: 青岛市崂山区株洲路190号6层
Tel: (010) 82618116	Tel: (021) 64851999	Tel: (0755) 26050909	Tel: (0532) 88706866
Add: 天津市南开区红旗路赢寰大厦10层	Add: 宁波市高新区新晖路150号二期4号楼4层	Add: 广州市海珠区敦和路189号海珠科技园3号楼7层	
Tel: (022) 27360730	Tel: (0574) 87736499	Tel: (020) 89224310	



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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Water Beads

Trade Name: Super Absorbent Polymer, Water Retaining Gel, Crystal Soil,
Sodium Polyacrylate

Sample Code: GBWB

Emergency Telephone: Poisons Information Australia: 131 126

Section 2- Composition/Information on Ingredient

Chemical Name	CAS No.	Weight (%)
Sodium	7440-23-5	38
Hydroxide	14280-30-9	10
Acrylic Acid	79-10-7	25
Polyacrylamide	9003-05-8	25
Water	7732-18-5	2

Section 3 - Hazards Identification

No harm at normal use. At long industrial condition, reference as follows:

Eye

May cause eye irritation.

Skin

May cause skin irritation. May be harmful if absorbed through the skin.

Inhalation

May cause respiratory tract irritation. May be harmful if inhaled.



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Ingestion

May cause irritation of the digestive tract.

Section 4 - First Aid Measures

Eyes

Immediately rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical advice if need.

Skin

Immediately flush skin with plenty of water at least 15 minutes. Remove contaminated clothing/shoes. If irritation persists, get medical attention. Do not reuse clothing until cleaned.

Inhalation

Remove victim to fresh air. If not breathing, give artificial breathing. If breathing is difficult, give oxygen. Consult a physician.

Ingestion

Do not induce vomiting. Consult a physician.

Section 5 - Fire Fighting Measures

Flammability: Non-flammable.**Extinguishing Media**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

Firefighting

Wear self contained breathing apparatus and protective clothing.

Decomposition Products

Carbon monoxide, carbon dioxide.

Section 6 - Accidental Release Measures

No need at normal use. At long industrial condition, reference as follows:

Steps to be taken in case material is spilled or released

Ventilate and evacuate area. Wear appropriate personal protective equipment as specified in Section 8. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.



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Waste Disposal Method

Use Waste Disposal Methods in accordance with local rules and regulations.

Section 7 - Handling and Storage

No need at normal use. At long industrial condition, reference as follows:

Handling

Keep containers closed when not in use. Minimize dust generation and accumulation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wash skin with soap and water after contact. Empty containers may contain product residue. Do not damage empty container.

Storage

Store in a cool, dry and well-ventilated place. Avoid storage in direct sunlight. Consumption of food and beverage should be avoided in work areas. Wash hands with soap and water before eating, drinking. Keep away incompatible substances, such as strong oxidizing agents, strong bases.

Section 8 - Exposure Controls, Personal Protection

No need at normal use. At long industrial condition, reference as follows:

Engineering Controls

Keep workroom concentration below current applicable OSHA safety and health requirements. If necessary, configure the explosion-proof, anti-static devices.

Respiratory Protection

Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask below current applicable OSHA safety and health requirements.

Personal Protection

Safety glasses, protective gloves, and lab coat, eye washer and safety shower if needed.

Section 9 - Physical and Chemical Properties

Flammability: Non-flammable.

Solubility in water: Hardly soluble in water.

Appearance and odor: Colorless transparent particles.

Chemical Uses: Decoration, indoor planting, gardening water, make ice towels, ice bag,



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making air freshener.

Section 10 - Stability and Reactivity

Stability

Stable under recommended storage conditions.

Conditions to Avoid

Incompatible materials, strong oxidants.

Incompatible Materials

Strong oxidizing agents, strong bases.

Hazardous Combustible Products

Carbon monoxide, carbon dioxide.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Toxicological data

Acrylic Acid

Oral LD50 for mouse: 830 mg/kg.

Inhalation LC50 for rat: >5100 mg/kg/4h.

Dermal LD50 for rabbit: >2000 mg/kg.

Polyacrylamide

Oral LD50 for rat: >1000 mg /kg.

Oral LD50 for mouse: 12950 mg/kg.

Oral LD50 for rabbit: 11250 mg/kg.

Section 12 - Ecological Information

Ecotoxicity

Acrylic Acid

Toxicity to fish *Oncorhynchus mykiss* LC50: 27 mg/L/96h.

Toxicity to daphnia and other aquatic invertebrates EC50: 95 mg/L/48h.

Toxicity to algae *Desmodesmus subspicatus* (green algae) EC50: 0.04 mg/L/96h.

Environment Effect



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Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

Section 13 - Disposal Considerations

Disposal Treatment

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Refer to state and local regulations. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated.

Section 14 - Transport Information

Water Beads is exempt from dangerous goods. It is considered non-dangerous goods by the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), the International Maritime Dangerous Goods regulations (IMDG) and 《Recommendations on the Transport of Dangerous Goods Model Regulations》.

Transport Fashion: By air, by sea, by railway, by road.

Section 15 - Regulatory Information

Law Information

- 《Dangerous Goods Regulation》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substances Control Act》 (TSCA)
- 《Consumer Product Safety Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act Title III (302/311/312/313)》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)



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《California Proposition 65》

《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and Local laws.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information maybe applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Prepared by: *Zuojingjing* Checked by: *Yang Jinghua* Approved by: *Liyao*

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*** End of report ***