

Safety Data Sheet (SDS) Report

Applicant: SHANGHAI CHUANGSHI INDUSTRY (GROUP) CO., LTD.
No.388 Zhangliantang Road, Qingpu, Shanghai (201716), China

Number: SDS1301210003
Issue Date: Jan. 21, 2013

Sample Description:

The sample information was submitted and identified on applicant's behalf to be:

Product Name : Water bead/super absorbent polymer/crystal soil
Application Received : January 21, 2013
Application Reviewed : January 22, 2013

Service Requested:

As requested by the applicant, the Safety Data Sheet (SDS) was generated by the submitted information in accordance with Regulation (EC) No. 1907/2006, Regulation (EC) No 1272/2008, EU Commission Directive 67/548/EEC, 1999/45/EC, for details please refer to attached pages.

Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai (Suzhou Branch)



Deane You

Regulatory Consultant

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Intertek Testing Services Ltd., Shanghai (Suzhou Branch)

Building B, SIP Ecological Hub, 18 Zhanye Road, Suzhou Industrial Park, Jiangsu, China
Tel: 0086-512-86668421 Fax: 0086-512-86668326 ZIP: 215121

Safety Data Sheet

According to Regulation (EC) No. 453/2010
Issue Date : 2013-01-21

SDS1301210003
Version:1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Trade name:	Water bead/super absorbent polymer/crystal soil
Proper shipping name:	None
Other identities:	No data available

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Interior decoration, vegetable fertilizer, air freshener.

1.2.2. Uses advised against

Advise against other uses.

1.3. Details of the supplier of the safety data sheet

Supplier:	SHANGHAI CHUANGSHI INDUSTRY (GROUP) CO., LTD.
Address:	No388 Zhangliantang Road, Qingpu, Shanghai (201716), China
Telephone:	+86-21-31166566-8818
Fax:	+86-21-31166568
E-mail:	miло@shchuangshi.com.cn

Importer:	
Address:	
Telephone:	
E-mail:	

1.4. Emergency telephone number

Country	Advisory body	Address	Emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not classified.

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified.

Other adverse physicochemical, human health and environmental effects

No reliable data available.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram:

Not applicable.

2.3. Other hazards

No reliable data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	CAS No.	EC No.	Index No.	REACH No.	% wt/wt	Classification according to CLP	Classification according to DSD
Sodium polyacrylate	9003-04-7	-	-	-	100	Not classified	Not classified

3.2. Mixtures

Not applicable.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

Notes to physician: Symptomatic treatment.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No reliable data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Foam.

Dry chemical powder.

Carbon dioxide.

Water spray or fog - large fires only.

5.2. Special hazards arising from the substance or mixture

Fire/explosion hazard: Emits toxic fumes under fire conditions.

Main combustion gas: Carbon monoxide, carbon dioxide gases.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Only when safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear suitable protective equipment.

6.1.2. For emergency responders

Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the spilled solid in suitable container for recovery or disposal, avoid raising dust.

6.4. Reference to other sections

Refer to Section 8 for Personal Protective Equipment advice.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid ingestion, inhalation, skin and eye contact. Minimize dust generation and accumulation. Handle in accordance with good industrial hygiene practice and any legal requirements.

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7.2. Conditions for safe storage, including any incompatibilities

Suitable container: No data available. Check all containers are clearly labelled and free from leaks.

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

At this time no TLV of this mixture has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). Airborne concentrations must be maintained as low as practically possible and occupational exposure must be kept to a minimum.

8.2. Exposure controls

Appropriate engineering controls: Process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

General Personal Protection: Safety goggles or face shield, protective chemical resistant gloves, protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Granular
Colour:	No data available
Odour:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Vapour pressure:	No data available
Relative density:	No data available
Water solubility:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Flammability:	No data available
Upper/lower flammability limits:	No data available
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available
Surface tension:	No data available
Viscosity:	Not applicable

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

10.2. Chemical stability

Stable under normal condition.

10.3. Possibility of hazardous reactions

Hazardous reactions may occur if contact with incompatible material.

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10.4. Conditions to avoid

High temperature, ignition sources (sparks, flames, static), incompatible materials.

10.5. Incompatible materials

Strong acid, alkali and oxidizing agents

10.6. Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT-single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration hazard:	No data available

SECTION 12: Ecological information

12.1. Aquatic toxicity

Acute (short-term) toxicity:	No data available
Chronic (long-term) toxicity:	No data available

12.2. Persistence and degradability

Biodegradation:	No data available
Abiotic degradation:	No data available

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):	No data available
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12.4. Mobility in soil

Known or predicted distribution to environmental compartments:	No data available
Adsorption/Desorption:	No data available

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: refer to specific national regulation.

Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste.

SECTION 14: Transport information

Based on available data, the information according to UN recommendation on the transport of dangerous goods is given as below:

Land transport (ADR / RID / GGVSE)

14.1 UN number	None	14.4 Packing group	None	
14.2 UN proper shipping name	None	14.5 Environmental hazards	No relevant data	
		14.6 Special precautions for user	Hazard identification (Kemler)	None
14.3 Transport hazard clas	None		Classification Code	None

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s(es)			Hazard Label	None
			Special provisions	None
			Add limited quantity	None

Air transport (ICAO-IATA / DGR)

14.1 UN number	None	14.4 Packing group	None	
14.2 UN proper shipping name	None	14.5 Environmental hazards	No relevant data	
			Special provisions	None
14.3 Transport hazard class(es)	None	14.6 Special precautions for user	Cargo Only Packing Instructions	None
			Cargo Only Maximum Qty / Pack	None
			Passenger and Cargo Packing Instructions	None
			Passenger and Cargo Maximum Qty / Pack	None
			Passenger and Cargo Limited Quantity Packing Instructions	None
			Passenger and Cargo Maximum Qty / Pack	None

Sea transport (IMDG-Code / GGVSee)

14.1 UN number	None	14.4 Packing group	None	
14.2 UN proper shipping name	None	14.5 Environmental hazards	No data available	
			EMS number	None
14.3 Transport hazard class(es)	None	14.6 Special precautions for user	Special provisions	None
			Limited quantities	None

Inland waterways transport (ADNR / River Rhine)

14.1 UN number	None	14.4 Packing group	None	
14.2 UN proper shipping name	None	14.5 Environmental hazards	No relevant data	
			Classification code	None
14.3 Transport hazard class(es)	None	14.6 Special precautions for user	Limited quantity	None
			Equipment required	None
			Fire cones number	None

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/national regulations

UN recommendation on the transport of dangerous goods

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the mixture by the supplier.

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SECTION 16: Other information

16.1 Indication of changes

Version No.	Change date	Change description
No data available	No data available	No data available

16.2 Key literature references and sources for data

- ESIS (European chemical Substances Information System), <http://esis.jrc.ec.europa.eu/>
- REACH registered chemicals, http://echa.europa.eu/chem_data_en.asp
- IFA GESTIS - International limit values for chemical agents - Occupational exposure limits (OELs), http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

The information presented in this SDS is based on our current knowledge and available data as of the issue date, and is only intended to describe the product for the purposes of protecting human health and environment from potential hazard. It should not therefore be construed as guaranteeing any specific property of the product.