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# Material Safety Data Sheet

Revision Date: 31-August-2021



## 1. Product and Company Information

Product Name        *MagicPure*<sup>®</sup> Size Selection DNA Beads  
Cat. No.             EC401  
Company             TransGen Biotech Co., Ltd.  
Technical Phone    +86-400-898-0321  
Fax                    +86-10-57815011  
E-mail Address     trans@transgen.com.cn

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## 2. Composition

Chemical Name	CAS No.	Concentration or Concentration Range (w/w %)
Sodium chloride 7647-14-5 ( 10-30 )	7647-14-5	10-30

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It is recommended to handle all chemicals with caution.

## 3. Hazards Identification

### Health Hazards

Not Hazardous

### Physical Hazards

Not Hazardous

### Environmental Hazards

Not Hazardous

### Signal Word

None

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**Hazard Symbol**

None

**Hazard Statements**

Not Applicable

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**4. First Aid Measures**

Eye contact	Rinse carefully with water for minutes. If contact lenses are worn and can be easily removed, remove the contact lenses and continue to rinse.
Skin contact	Wash off with plenty of water. No immediate medical attention is required.
Inhalation	No inhalation hazard under the expected normal conditions of use. Consult a physician if necessary.
Ingestion	No ingestion hazard under the expected normal conditions of use. Consult a physician if feeling uncomfortable.
Notes to physicians	Treat symptomatically.

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**5. Fire-Fighting Measures****Extinguishing media**

Suitable extinguishing media	Water spray, Carbon dioxide (CO <sub>2</sub> ), Foam, Dry powder
Unsuitable extinguishing media	No information available

**Special dangers**

Not known

**Firefighters' protective equipment and precautions**

Standard procedures for dealing with chemical fires

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**6. Accidental Release Measures**

Personal precautions	Ensure adequate ventilation and always wear personal protective equipment.
Methods for cleaning up	Use inert absorbent material to soak up spill.
Environmental precautions	Prevent product from entering drains. Avoid

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contaminating the groundwater system.

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## 7. Handling and Storage

Precautions for safe handling	Use recommended personal protective equipment. No special handling advice is required.
Conditions for safe storage	Keep container sealed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Prevent direct sunlight.
Specific use	For research use only. Not for diagnostic use.

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## 8. Exposure Controls/Personal Protection

### Control parameter

MAC(mg/m <sup>3</sup> )	No standards available
PC-TWA(mg/m <sup>3</sup> )	No standards available
PC-STEL(mg/m <sup>3</sup> )	No standards available
TLV-C(mg/m <sup>3</sup> )	No standards available
TLV-TWA(mg/m <sup>3</sup> )	No standards available
TLV-STEL(mg/m <sup>3</sup> )	No standards available

### Exposure controls

#### Personal protective equipment

Respiratory protection	In case of insufficient ventilation, use respirators with their components tested and approved under appropriate government standards
Hand Protection	Wear appropriate gloves based on compatibility of glove material resistant to specific chemicals.
Eye Protection	Tightly sealed goggles
Skin and Body Protection	Wear appropriate protective clothing
Hygiene Measures	Operate in accordance with good industrial hygiene and safety practice

#### Environmental exposure control

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Prevent product from entering drains. Avoid contaminating the groundwater system.

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## 9. Physical and Chemical Properties

### General Information

Form	Solid
Solubility in water	Soluble
Others	No data available

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## 10. Stability and Reactivity

Reactivity	Not known
Stability	Stable under normal storage conditions
hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	No information available.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous polymerization	Hazardous polymerization does not occur.
Decomposition products	No data available

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## 11. Toxicological Information

### Information on toxicological effects

Acute Toxicity	No data available
Oral-rat LD50 (mg/kg)	3000
Dermal-rabbit LD50 (mg/kg)	> 10000
Inhalation-rat LC50 (mg/m <sup>3</sup> )	No data available
Subcutaneous-rat LD50 (mg/kg)	No data available
Intravenous-rat LD50 (mg/kg)	No data available
Peritoneal cavity-rat LD50 (mg/kg)	No data available
Oral-mouse LD50 (mg/kg)	No data available
Dermal- mouse LD50 (mg/kg)	No data available
Intravenous-mouse LD50 (mg/kg)	No data available

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Peritoneal cavity-mouse LD50 (mg/kg)	No data available
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### **Health effects of routine exposure**

Eyes	Causes eye irritation
Skin	Product components may be absorbed by skin, causing slight skin irritation
Inhalation	Irritating to respiratory system
Ingestion	Harmful if swallowed
Sensitization	No data available
Mutagenicity	No data available
Teratogenicity	No data available
Carcinogenicity	No data available

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## **12. Ecological Information**

Carcinogenic effects	No data available
Mobility	No data available
In vivo degradation	No data available
Bioaccumulation	No data available

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## **13. Disposal Considerations**

The disposal of the product, its solution or any by-products should refer to relevant national and local regulations. Do not dispose into drains.

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## **14. Transport Information**

Hazard class	No data available
UN number	No data available
Packing group	No data available
Packing method	No data available
Transportation considerations	Package should be intact upon departure. Loading should be handled carefully. During transportation, prevent the containers from leakage, collapse, fall or damage. Transportation combined with oxidants,

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edible chemicals, etc. is strictly prohibited. It should be protected from exposure to sun light, rain and high temperature during transportation. The vehicle should be thoroughly cleaned after transportation. Road transportation must follow the prescribed route.

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## 15. Regulatory Information

The following laws, regulations and standards have made corresponding provisions on the safe use, storage, transportation, loading and unloading , classification and marking of chemicals: The Production Safety Law of the People's Republic of China (adopted at the 27th meeting of the Standing Committee of the Ninth People's Congress on June 29, 2002); The Environmental Protection Law of the People's Republic of China (adopted at the 11th meeting of the Standing Committee of the Seventh National People's Congress on December 26, 1989)

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## 16. Other Information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation. These recommendations are based on prudent professional judgment. This information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. **Since the Company cannot control the actual methods, quantities, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. The information in this MSDS does not constitute a warranty of marketability or suitability for any particular purpose, expressed or implied.**

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End of Safety Data Sheet