



**CHANGZHOU ENERGETIC & RELIABLE CO., LTD.**

R.1106, BUILDING NO.2, NO.25 NORTH STREET, CHANGZHOU,JIANGSU,CHINA

*Dedicating to Pesticide formulation coloring and seed coating*

## MATERIAL SAFETY DATA SHEET

**Product Name:** Seed coating agent

**(ER-FORMER GREEN GY4-6W-P)**

### 1. Company identification

**Company:** CHANGZHOU ENERGETIC & RELIABLE CO., LTD.

**Address:**R.1106, Building No.2, No.25 Noth Street, Changzhou, Jiangsu, China.

**Telephone No.:**0086-519-88029576

**Fax No.:** 0086-519-88029580

### 2. Composition/information on ingredients

Coating Formulation Involved In Seeds

### 3. Hazards identification

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment.

Organic substances in powder form may have the potential to cause dust explosions

### 4. First aid measures

#### General information

Seek medical assistance if discomfort continues

#### After inhalation

Remove the casualty into fresh air and keep him calm.

#### After contact with skin

In case of contact with skin, clean with soap and water.

#### After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

#### After ingestion

If swallowed do not induce vomiting, seek medical advice first

### 5. Fire-fighting measures

#### Suitable extinguishing media

Water spray jet

Foam

#### Special protective equipment for firefighting

Use self-contained breathing apparatus

### 6. Accidental release measures

#### Environmental precautions

Do not allow entry to drains, water courses or soil

#### Methods for cleaning up

Avoid dust formation and electrical charging (sparking) because dust explosion might occur.

### 7. Handling and storage

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## **Advice on safe handling**

When used and handled appropriately no special measures are needed

Avoid dust formation.

## **Advice on protection against fire and explosion**

Take precautionary measures against electrostatic charges - earthing necessary during loading operations.

Keep away from sources of ignition

Dust can form an explosive mixture with air.

## **Further information on storage conditions**

Keep container dry

Protect from warmth

## **Storage stability**

Storage period 12 months

## **8. Exposure controls/personal protection**

### **General protective measures**

Observe the usual precautions for handling chemicals.

### **Hygiene measures**

Wash hands before breaks and after work.

Use barrier skin cream.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

**Respiratory protection** : Wear dust mask when handling large quantities

**Hand protection** : Rubber gloves.

**Eye protection** : safety glasses

**Body protection** : working clothes

## **9. Physical and chemical properties**

**Form**: Aqueous Liquid

**Color**: Green

**Melting point** : Not applicable

**Flash point**: Not applicable

**Self-ignition temperature**: Not applicable

**Vapour pressure**: Not available

**Density**: (20 °C) Approx. 1.20g/mL

**Solubility in water**: (20 °C)Virtually insoluble in water, dispersed in water.

**pH value** : 7.0-9.0

**Octanol/water partition coefficient (log Pow)** :Not determined

**Viscosity** (25°C): ≤2000cps

### **Further information**

No incompatible substance known.

## **10. Stability and reactivity**

**Thermal decomposition**: not lower than 180 °C

### **Hazardous reactions**

When handled and stored appropriately no dangerous reactions are known

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## Hazardous decomposition products

When handled and stored appropriately no dangerous decomposition products are known

## 11. Toxicological information

**Acute oral toxicity:** LD<sub>50</sub> >5000 mg/kg (rat)

**Irritant effect on skin:** Mild-irritant (rabbit)

**Irritant effect on eyes:** Mild-irritant (rabbit eye)

## 12. Ecological information

**Biodegradability:** No degradability data available due to low solubility of the material in water

**Fish toxicity:** not determined

**Daphnia toxicity:** not determined

**Algae toxicity:** not determined

**Bacteria toxicity:** not determined

## 13. Disposal considerations

Product should be taken to a suitable and authorized waste disposal site in accordance with local regulations

## Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

## 14. Transport information

**ADR:** Not regulated as a hazardous material.

**ADNR:** Not regulated as a hazardous material.

**RID:** Not regulated as a hazardous material.

**IATA:** Not regulated as a hazardous material.

**IMDG:** Not regulated as a hazardous material

## 15. Regulatory information

### Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 After contact with skin, wash immediately with plenty of water.

S 37 Wear suitable gloves.

S 37/39 Wear suitable gloves and eye/face protection.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## China

Not listed in Dangerous Goods Inventory (GB12268, China).

## 16. Disclaimer

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

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