



## Material Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**PRODUCT NAME:** ER SC Green GY4

**RECOMMENDED PRODUCT USE:** Aqueous pigment dispersion for pesticide formulation and seed coating

**MANUFACTURER / SUPPLIER / DISTRIBUTOR INFORMATION:**

Changzhou Energetic & Reliable Co., Ltd.

Address: Room 1106, Building No.2, No.25 North Street, Changzhou, Jiangsu, China

Telephone No.: 86-519-88029576, 86-519-88029578

Fax No.: 86-519-88029580

Emergency telephone number: 86-519-88029576

### 2. Composition/information on ingredients

Component	CAS Number
Proprietary water based mixture/dispersion	Proprietary

### 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

### 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**

**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 dispersion

**Color:** Green

**Melting point:** Not applicable

**Flash point:** Not applicable

**Self-ignition temperature:** Not applicable

**Vapour pressure:** Not available

**Density:**

**Solubility in water:** (20 °C)

Virtually insoluble in water, dispersed in water.

**pH value :** 7.5-9.0

**Octanol/water partition**

**coefficient (log Pow) :**

Not determined

**Viscosity (25°C):** lower than 1500 cp

**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

**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:** non-irritant (rabbit)

**Irritant effect on eyes:** non-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

**Remarks**



No data can be given due to the product's insolubility in water

### **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).

#### **Canada**

ER Green GY4: Canada's NDSL released.

Modified styrene acrylic polymers (BASF Joncryl): Canada's NDSL released.

Glycerol Ethoxylate (Clariant Polyglykol G 300): Canada's NDSL released.

1,2 -benzisothiazolin-3-one: Canada's NDSL released.



# 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*

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## USA

ER Green GY4: TSCA released.

Modified styrene acrylic polymers (BASF Joncryl): TSCA released.

Glycerol Ethoxylate (Clariant Polyglykol G 300): TSCA released.

1, 2-benzisothiazolin-3-one: TSCA released.

## 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.