



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

#### Ebest Green GTSC

This product is a preparation that contains an organic dye and other organic and inorganic substances, intended for use as an industrial colorant

Chemical Characterisation Anthraquinone

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Content	CAS N°	Symbol	Risk Phrases
Acid Green 25	60-70%	4403-90-1		R52/53

### 3. HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES

Immediate medical attention required ? No

Assistance from physician required ? No

A summary of first aid is as follows:

**Inhalation** Remove subject to fresh air. If symptoms persist seek medical attention immediately.

**Skin contact** Wash with soap and water.

**Eye contact** Irrigate eye and eyelid with sterile water, seek medical attention if any reaction occurs.

**Ingestion** If large amounts are swallowed seek medical attention.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media** Water, foam, carbon dioxide, dry powder.

**Unsuitable extinguishing media** None.

**Special exposure hazards in fire** May form hazardous decomposition products.

**Protective equipment for fire fighters** Self contained breathing apparatus should be worn.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable gloves and protective overalls.
<b>Environmental precautions</b>	Do not allow to contaminate water courses.
<b>Methods for cleaning</b>	Sweep up and transfer into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene practices and conform to any legal requirements.
<b>Storage</b>	Store in a cool dry place. Protect from humidity and heat effect. Keep away from incompatible substances, see section 10. Wear personal protective clothing, see section 8. Avoid production of dust.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Take measures to prevent</b>	Dust.
<b>Exposure controls limits and source</b>	Total Inhalable dust = 10mg/m <sup>3</sup> 8hr TWA Respirable dust = 4mg/m <sup>3</sup> 8hr TWA Source - HSE EH40.
<b>Respiratory protection</b>	Dust mask/respirator.
<b>Hand protection</b>	Wear suitable gloves.
<b>Skin protection</b>	Wear suitable protective clothing.
<b>Eye protection</b>	Wear face/eye protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Green powder
<b>Odour</b>	None
<b>Solubility in water @ 80°C</b>	60 g/l
<b>Decomposition Temperature</b>	>270 °C

## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	None.
<b>Materials to avoid</b>	None.
<b>Hazardous decomposition products</b>	If involved in a fire, flammable or noxious fumes may be evolved.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute oral toxicity (LD50)</b>	>2000 mg/Kg - rat
<b>Skin irritation</b>	Non irritant - rabbit
<b>Eye irritation</b>	Non irritant - rabbit
<b>Skin sensitisation</b>	None known
<b>Other information</b>	

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## 12. ECOLOGICAL INFORMATION

<b>Bioelimination</b>	62% - Some removal by adsorption onto activated sludge.		
<b>Bacterial toxicity - activated sludge</b>	>100 mg/l		
<b>Fish toxicity</b>	14 mg/l Rainbow trout 48 hrs		
<b>Environmental effects</b>	Dyes of this type are not readily biodegradable, but due to their high water solubility no bioconcentration is expected.		
	<b>BOD5</b>	<b>COD</b>	<b>TOC</b>
			25.2%
<b>Organo halogen content</b>	0%		

## 13. DISPOSAL CONSIDERATIONS

<b>Likely residues/waste</b>	None.
<b>Safe handling of any residues/waste</b>	Remove the product in a closed container to a suitable waste disposal or incineration plant, in accordance with local regulations.

## 14. TRANSPORT INFORMATION

<b>Transport information</b>	Not classified as dangerous for carriage.
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## 15. REGULATORY INFORMATION

<b>Hazard information</b>	R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
<b>Safety information</b>	S20/21 When using do not eat, drink or smoke. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S61 Avoid release to the environment.

## 16. OTHER INFORMATION

<b>Intended use</b>	Technical grade dye intended for use in industrial dyeing of textiles, leather and paper. May be used in other industrial applications but it is necessary to consult the manufacturer.
<b>Revision information</b>	

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing