

SAFETY DATA SHEET

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

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Ebest Fluoresceine LTC

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 Xanthene

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Content	CAS N°	Symbol	Risk Phrases
Acid Yellow 73	80-90%	518-47-8		

3. HAZARDS IDENTIFICATION

Not classified as hazardous to the user or environment.

4. FIRST AID MEASURES

Immediate medical attention required ? No

Assistance from physician required ? No

A summary of first aid is as follows:

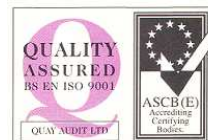
Inhalation	Remove subject to fresh air. If symptoms persist seek medical attention immediately
Skin contact	Wash with soap and water.
Eye contact	Irrigate eye and eyelid with sterile water, seek medical attention if any reaction occurs.
Ingestion	If large amounts are swallowed seek medical attention.

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

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

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene practices and conform to any legal requirements.
Storage	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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Greenish Brown Powder
Odour	None
pH at 1.0 g/l	7.0-8.0
Solubility in water @ 80°C	600 g/l
Decomposition Temperature	>350 °C

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (LD50)	>5000 mg/Kg - rat
Skin irritation	Non irritant - rabbit
Eye irritation	Non irritant - rabbit
Skin sensitisation	None known
Other information	



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12. ECOLOGICAL INFORMATION

Bioelimination	20-50% - Some removal by adsorption onto activated sludge.
Bacterial toxicity - activated sludge	> 1000 mg/l
Fish toxicity	337 mg/l Daphnia 48 hrs
Environmental effects	Dyes of this type are not readily biodegradable, but due to their high water solubility no bioconcentration is expected.
	BOD5 COD TOC
Organo halogen content	0%

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Transport information	Not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Hazard information	
Safety information	S20/21 When using do not eat, drink or smoke. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

Intended use	Technical grade dye intended for use in industrial coloration. For details of use in specific industrial applications it is necessary to consult the manufacturer.
Revision information	Reclassified as non hazardous based on new data

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



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