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

<table>
<thead>
<tr>
<th>Substance</th>
<th>Content</th>
<th>CAS No.</th>
<th>Symbol</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Yellow 73</td>
<td>80-90%</td>
<td>518-47-8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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/m3  8hr  TWA
   Respirable dust = 4mg/m3  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 @ 80ºC  600 g/l
   Decomposition Temperature  >350 ºC

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

VAT No. GB 567102157
Registered in England No. 2819343
at the above address

Cert. No. 4011357
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.

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...