

**MSDS No: # JID1300 Effective Date: 9/11/08****1. Product Identification**

Product Name: Jacquard iDye Fixative  
Product Code: JID1300

**2. Hazardous Ingredients**

Hazardous Components: No hazardous components are contained in this product  
Current TLV's: None Known  
Contains less than 50ppm of lead.

**3. Physical Data**

Appearance: Liquid  
Color: Clear straw colored liquid  
Solubility in Water: clear  
pH: 3.0-4.5

**4. Fire and Explosive Data**

Flash Point: SETAFLASH ASTM D-3828 > 205 degrees F  
Extinguishing Media: CO2 Dry Chemical Foam Water Fog  
Special Fire Fighting Procedures/Unusual Fire or Explosive Hazards: Firefighters should be equipped with protective clothing and self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area and any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.  
Additional Information: Avoid dusting conditions. May form explosive dust mixtures with the air.

**5. Health Effects Data**

Animal Toxicity Oral – LD50 (ingestion): No data  
Fish, LC50: No data  
Eye Effects: Non-irritant  
Skin Effects: Non-irritant  
Human Effects of Overexposure: May be irritating to the respiratory tract.

**6. Emergency and First Aid Procedures**

Eye Contact: Wash immediately with large amounts of water, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

Skin Contact: Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse

Ingestion: Dilute with water and induce vomiting. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

**7. Employee Protection Recommendations**

Eye Protection: Employees should wear protective eye-goggles with side protection shield.

Skin Protection: Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. Of PVC or trile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

Respiratory Protection: Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

Ventilation: Use local ventilation

Other: Wear overalls, apron or other protective clothing.

**8. Reactivity Data**

Thermal decomposition: No thermal decomposition when stored and handled correctly

Hazardous Reactions: In the case of dusty organic products the possibility of a dust explosion should always be considered.

**9. Spill or Leak Procedures**

In Case Material is Released/Spilled: Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. Scrub spilled area with detergent, flush with copious amount of water.

Waste Disposal Method: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant. Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

**10. Special Precautions and Storage Data**

Handling and Storing Precautions: In accord with good industrial practice. Handle with care and avoid personal contact.

**11. Shipping Data**

Proper Shipping Name: Non-hazardous ink material

D.O.T. Hazard Classification: Not regulated

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