

**BRIGHT DYES MATERIAL SAFETY DATA SHEET**  
**FLT YELLOW/GREEN LIQUID CONCENTRATE**  
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**MSDS PREPARATION INFORMATION**

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DATE PREPARED: 1/01/05

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**PRODUCT INFORMATION**

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MAUFACTURED BY: KINGSCOTE CHEMICALS  
3334 S. TECH BLVD.  
MIAMISBURG, OHIO 45342

CHEMICAL NAME ..... NOT APPLICABLE  
CHEMICAL FORMULA ..... NOT APPLICABLE  
CHEMICAL FAMILY ..... AQUEOUS DYE PRODUCT

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**HAZARDOUS INGREDIENTS**

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NONE PER 29 CFR 1910.1200

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**PHYSICAL DATA**

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PHYSICAL STATE ..... LIQUID  
ODOR AND APPEARANCE ..... YELLOW/GREEN, WITH NO APPARENT ODOR  
SPECIFIC GRAVITY ..... APPROXIMATELY 1.05  
VAPOR DENSITY (mm Hg @ 25 ° C) ..... ~23.75  
VAPOR DENSITY (AIR =1) ..... ~0.6  
EVAPORATION RATE (Butyl Acetate = 1) ..... ~1.8  
BOILING POINT ..... 100 degrees C (212 degrees F)  
FREEZING POINT ..... 0 degrees C (32 degrees F)  
pH ..... 8.0 OR ABOVE  
SOLUBILITY IN WATER ..... HIGHLY SOLUBLE

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**FIRE HAZARD**

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CONDITION OF FLAMMABILITY ..... NON-FLAMABLE  
MEANS OF EXTINCTION ..... WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL  
FLASH POINT AND METHOD ..... NOT APPLICABLE  
UPPER FLAMABLE LIMIT ..... NOT APPLICABLE  
LOWER FLAMABLE LIMIT ..... NOT APPLICABLE  
AUTO-IGNITION TEMPERATURE ..... NOT APPLICABLE  
HAZARDOUS COMBUSTION PRODUCTS ..... NOT APPLICABLE  
UNUSUAL FIRE HAZARD ..... NOT APPLICABLE

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**EXPLOSION HAZARD**

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SENSITIVITY TO STATIC DISCHARGE ..... NOT APPLICABLE  
SENSITIVITY TO MECHANICAL IMPACT ..... NOT APPLICABLE

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**REACTIVITY DATA**

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PRODUCT STABILITY ..... STABLE  
PRODUCT INCOMPATIBILITY ..... NONE KNOWN  
CONDITIONS OF REACTIVITY ..... NOT APPLICABLE  
HAZARDOUS DECOMPOSITION PRODUCTS ..... NONE KNOWN

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**TOXICOLOGICAL PROPERTIES**

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SYMPTOMS OF OVER EXPOSURE FOR EACH POTENTIAL ROUTE OF ENTRY:

INHALLATION, ACUTE ..... NO HARMFUL EFFECTS EXPECTED.  
INHALATION, CHRONIC ..... NO HARMFUL EFFECTS EXPECTED.  
SKIN CONTACT ..... WILL TEMPORARILY GIVE SKIN A YELLOW/GREEN COLOR.  
EYE CONTACT ..... NO HARMFUL EFFECTS EXPECTED.  
INGESTION ..... URINE MAY BE A YELLOW/GREEN COLOR UNTIL THE DYE  
HAS BEEN WASHED THROUGH THE SYSTEM.  
EFFECTS OF ACUTE EXPOSURE ..... NO HARMFUL EFFECTS EXPECTED  
EFFECTS OF CHRONIC EXPOSURE ..... NO HARMFUL EFFECTS EXPECTED  
THRESHOLD OF LIMIT VALUE ..... NOT APPLICABLE  
CARCINOGENICITY ..... NOT LISTED AS A KINOWN OR SUSPECTED CARCINOGEN BY  
IARC, NTP OR OSHA.  
TERATOGENICITY ..... NONE KNOWN  
TOXICOLOGY SYNERGISTIC PRODUCTS ..... NONE KNOWN

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**PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT

GLOVES ..... RUBBER  
RESPIRATORY ..... USE NISOH APPROVED DUST MASK IF DUSTY CONDITIONS  
EXIST.  
CLOTHING ..... PROTECTIVE CLOTHING SHOULD BE WORN WHERE  
CONTACT IS UNAVOIDABLE.  
OTHER ..... HAVE ACCESS TO EMERGENCY EYEWASH.

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**PREVENTATIVE MEASURES (CONT.)**

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ENGINEERING CONTROLS .....	NOT NECESSARY UNDER NORMAL CONDITIONS, USE LOCAL VENTILATION IF DUSTY CONDITIONS EXIST.
SPILL OR LEAK RESPONSE .....	CLEAN UP SPILLS IMMEDIATELY, PREVENT FROM ENTERING DRAIN. USE ABSORBANTS AND PLACE ALL SPILL MATERIALS IN WASTE DISPOSAL CONTAINER. FLUSH AFFECTED AREA WITH WATER.
WASTE DISPOSAL .....	INCINERATE OR REMOVE TO A SUITABLE SOLID WASTE DISPOSAL SITE, DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
HANDELING PROCEDURES AND EQUIPMENT .....	NO SPECIAL REQUIREMENTS.
STORAGE REQUIREMENTS .....	STORE AT ROOM TEMPERATURE BUT ABOVE THE FREEZING POINT OF WATER.
SHIPPING INFORMATION .....	KEEP FROM FREEZING

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**FIRST AID MEASURES**

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FIRST AID EMERGENCY PROCEDURES

EYE CONTACT .....	FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN CONTACT .....	WASH SKIN THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.
INHALATION .....	IF DUST IS INHALED, MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN AND GET IMMEDIATE MEDICAL ATTENTION.
INGESTION .....	DRINK PLENTY OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION IF LARGE QUANTITIES WERE INGESTED OR IF NAUSEA OCCURS. NEVER GIVE FLUIDS OR INDUCE VOMITING IF THE PERSON IS UNCONSCIOUS OR HAS CONVULSIONS.

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**SPECIAL NOTICE**

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**END OF MATERIAL SAFETY DATA SHEET**

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