

**BRIGHT DYES™ MATERIAL SAFETY DATA SHEET**  
**FLT YELLOW/GREEN™ DYE CAKES, CONES & DONUTS**  
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**MSDS PREPARATION INFORMATION**

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DATE PREPARED: 1/1/08

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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 ..... XANTHENE DYE FORM

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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 ..... SOLID  
ODOR AND APPEARANCE ..... DARK ORANGE, ODORLESS SOLID  
SPECIFIC GRAVITY ..... >1  
VAPOR DENSITY (mm Hg @ 25 ° C) ..... NOT APPLICABLE  
VAPOR DENSITY (AIR =1) ..... NOT APPLICABLE  
EVAPORATION RATE (Butyl Acetate = 1) ..... NOT APPLICABLE  
BOILING POINT ..... NOT APPLICABLE  
FREEZING POINT ..... NOT APPLICABLE  
pH ..... NOT APPLICABLE  
SOLUBILITY IN WATER ..... APPRECIABLE

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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. DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO HOT, BURNING POOLS; THIS MAY CAUSE FROTHING AND INCREASE FIRE INTENSITY. USE SCBA & PROTECTIVE CLOTHING.  
FLASH POINT AND METHOD ..... APPROXIMATELY 360 degree F (176.67 degrees C) PMCC FOR MAJOR COMPONENT  
UPPER FLAMABLE LIMIT ..... NOT DETERMINED  
LOWER FLAMABLE LIMIT ..... NOT DETERMINED  
AUTO-IGNITION TEMPERATURE ..... NOT DETERMINED  
HAZARDOUS COMBUSTION PRODUCTS ..... BURNING MAY PRODUCE OXIDES OF CARBON NITROGEN  
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 ..... NORMALLY UNREACTIVE - AVOID BROMINE TRIFLUORIDE,  
LITHIUM, STRONG ACIDS, BASES, OXIDIZERS AND  
MATERIALS THAT ARE REACTIVE WITH HYDROXYL  
COMPOUNDS.  
CONDITIONS OF REACTIVITY ..... NOT APPLICABLE  
HAZARDOUS DECOMPOSITION PRODUCTS ..... SEE HAZARDOUS COMBUSTION PRODUCTS

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**TOXICOLOGICAL PROPERTIES**

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SYMPTOMS OF OVER EXPOSURE FOR EACH POTENTIAL ROUTE OF ENTRY:

INHALLATION, ACUTE ..... NOT APPLICABLE  
INHALATION, CHRONIC ..... NOT APPLICABLE  
SKIN CONTACT ..... WILL TEMPORARILY COLOR THE SKIN.  
EYE CONTACT ..... MAY CAUSE IRRITATION  
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 ..... NONE KNOWN  
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 .....	SWEEP UP SPILLS AND PLACE 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 IN A COOL, DRY PLACE AWAY FROM EXCESSIVE HEAT OR FLAME.
SHIPPING INFORMATION .....	NO SPECIAL REQUIREMENTS

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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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