

**BRIGHT DYES™ MATERIAL SAFETY DATA SHEET
STANDARD BLUE DYE CAKES, CONES & DONUTS
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MSDS PREPARATION INFORMATION

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DATE PREPARED: 1/1/08

PRODUCT INFORMATION

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

CHEMICAL NAME NOT APPLICABLE
CHEMICAL FORMULA NOT APPLICABLE
CHEMICAL FAMILY WATER SOLUBLE DYE FORM

HAZARDOUS INGREDIENTS

NONE PER 29 CFR 1910.1200

PHYSICAL DATA

PHYSICAL STATE SOLID
ODOR AND APPEARANCE DARK BLUE, 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 54-58 DEGREES C
pH NOT APPLICABLE
SOLUBILITY IN WATER APPRECIABLE

FIRE HAZARD

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

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

REACTIVITY DATA

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

TOXICOLOGICAL PROPERTIES

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 KNOWN OR SUSPECTED CARCINOGEN BY
IARC, NTP OR OSHA.
TERATOGENICITY NONE KNOWN
TOXICOLOGY SYNERGISTIC PRODUCTS NONE KNOWN

PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES RUBBER
RESPIRATORY USE NIOSH 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.)

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

FIRST AID MEASURES

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.

SPECIAL NOTICE

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END OF MATERIAL SAFETY DATA SHEET
