MSDS PREPARATION INFORMATION

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DATE PREPARED:  1/9/13  

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PRODUCT INFORMATION

MANUFACTURED BY:  KINGS COTE CHEMICALS  
3334 S. TECH BLVD.  
MIAMISBURG, OHIO 45342  

CHEMICAL NAME  MIXTURE  
CHEMICAL FORMULA  NOT APPLICABLE  
CHEMICAL FAMILY  XANTHENE DYE FORM  

HAZARDOUS INGREDIENTS

NONE PER 29 CFR 1910.1200  

PHYSICAL DATA

PHYSICAL STATE  DRY POWDER  
ODOR AND APPEARANCE  DARK RED COLOR WITH NO APPARENT ODOR  
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  HIGHLY SOLUBLE WITH SMALL AMOUNT OF INSOLUBLE RESIDUE  

FIRE HAZARD

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  BURNING MAY PRODUCE OXIDES OF CARBON NITROGEN  
UNUSUAL FIRE HAZARD  REMOTE POSSIBILITY OF A DUST EXPLOSION. IF MIXED WITH AIR IN THE PROPER PROPORTIONS, IT CAN BE EXPLOSIVE (SIMILAR TO FLOUR OR STARCH).
EXPLOSION HAZARD

SENSITIVITY TO STATIC DISCHARGE ............................................ REMOTE POSSIBILITY OF A DUST EXPLOSION. IF MIXED WITH AIR IN THE PROPER PROPORTIONS, IT CAN BE EXPLOSIVE (SIMILAR TO FLOUR OR STARCH).

SENSITIVITY TO MECHANICAL IMPACT ........................................... NOT APPLICABLE

REACTIVITY DATA

PRODUCT STABILITY ................................................................. STABLE
PRODUCT INCOMPATIBILITY ..................................................... AVOID BROMINE TRIFLUORIDE, LITHIUM, STRONG ACIDS, BASES AND OXIDIZERS.
CONDITIONS OF REACTIVITY .................................................... NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS .................................. SEE HAZARDOUS COMBUSTION PRODUCTS

TOXICOLOGICAL PROPERTIES

SYMPTOMS OF OVER EXPOSURE FOR EACH POTENTIAL ROUTE OF ENTRY:

INHALATION, ACUTE ................................................................. MAY CAUSE IRRITATION IF DUST IS INHALED.
INHALATION, CHRONIC ............................................................ NONE KNOWN
SKIN CONTACT ................................................................. MAY BE IRRITATING TO THE SKIN. WILL CAUSE STAINING OF THE SKIN ON CONTACT.
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 ................................................... DIRECT CONTACT MAY CAUSE IRRITATION TO THE EYES, SKIN, AND RESPIRATORY TRACT.
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.
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.

HANDLING 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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