BRIGHT DYES™ MATERIAL SAFETY DATA SHEET
INDUSTRIAL RED™ DYE TABLET
PAGE 1 OF 3

MSDS PREPARATION INFORMATION

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DATE PREPARED: 1/1/08

PRODUCT INFORMATION

MANUFACTURED BY: KINGSCOTE CHEMICALS
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MIAMISBURG, OHIO 45342

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

HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>%</th>
<th>T.L.V.</th>
<th>C.A.S. #</th>
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<tbody>
<tr>
<td>BASIC VIOLET 10</td>
<td>10-30</td>
<td>NONE</td>
<td>81-88-9</td>
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CONTAINS BASIC VIOLET 10 WHICH IS SUBJECT TO REPORTING REQUIREMENTS, SECTION 313 OF SARA TITLE III

LD/50, SPECIES

LD/50, SPECIES

ORAL (MOUSE) ~2000 MG/KG
DERMAL (RABBIT) NOT AVAILABLE

PHYSICAL DATA

PHYSICAL STATE ....................... DRY TABLET
ODOR AND APPEARANCE .................. RED-VIOLET 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

FIREFACE

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 RED 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 ............................................................. IARC REPORTS LIMITED ANIMAL EVIDENCE OF CANCEROUS TUMOR GROWTH IN LABORATORY ANIMALS FROM BASIC VIOLET 10. IARC STATES THAT IT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS (1987)
TERATOGENICITY ............................................................. NONE KNOWN
MUTAGENICITY .............................................................. BASIC VIOLET 10 SHOWS SOME MUTATION DATA
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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END OF MATERIAL SAFETY DATA SHEET