

MATERIAL SAFETY DATA SHEET

RED DYE CAKES

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MSDS PREPARATION INFORMATION

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DATE PREPARED: 01/02/91

PRODUCT INFORMATION

MANUFACTURED BY: FORMULABS, INC.
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(513) 773-8933 BUSINESS
(800) 424-9300 CHEMTREC (24-HR EMERGENCY CONTACT)

CHEMICAL NAME NOT APPLICABLE
CHEMICAL FORMULA NOT AVAILABLE
CHEMICAL FAMILY WATER SOLUBLE DYE CAKE

HAZARDOUS INGREDIENTS

Table with 4 columns: HAZARDOUS INGREDIENT, %, T.L.V., C.A.S. #. Rows include POLYETHYLENE GLYCOL and BASIC VIOLET 10.

This product contains Basic Violet 10 (CAS# 81-88-9) which is reportable according to SARA Title III.

Table with 3 columns: HAZARDOUS INGREDIENT, LD/50, SPECIES, LC/50, SPECIES. Rows include toxicity data for POLYETHYLENE GLYCOL and BASIC VIOLET 10.

PHYSICAL DATA

PHYSICAL STATE SOLID RECTANGLE
ODOR AND APPEARANCE RED, ODORLESS RECTANGLE

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SPECIFIC GRAVITY NOT APPLICABLE
VAPOR PRESSURE (mm Hg @ 25 deg. 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

FIRE OR EXPLOSION HAZARD

CONDITION OF FLAMMABILITY THIS PRODUCT IS NOT FLAMMABLE
MEANS OF EXTINCTION WATER SPRAY, ALCOHOL FOAM, DRY
CHEMICAL
FLASH POINT AND METHOD 505 deg F, PMCC
UPPER FLAMMABLE LIMIT NOT APPLICABLE
LOWER FLAMMABLE LIMIT NOT APPLICABLE
AUTO-IGNITION TEMPERATURE NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS MAY LIBERATE CARBON MONOXIDE AND
CARBON DIOXIDE
UNUSUAL FIRE HAZARD NOT APPLICABLE
EXPLOSION DATA
SENSITIVITY TO STATIC
DISCHARGE NOT APPLICABLE
SENSITIVITY TO MECHANICAL
IMPACT NOT APPLICABLE

REACTIVITY DATA

PRODUCT STABILITY STABLE
PRODUCT INCOMPATIBILITY ACIDS, OXIDIZING MATERIALS
CONDITIONS OF REACTIVITY NOT APPLICABLE
HAZARDOUS DECOMPOSITION PRODUCTS PRODUCT DEGRADES SLOWLY WHEN
STORED AT ELEVATED
TEMPERATURES IN THE PRESENCE
OF AIR AND MAY LIBERATE
CARBON MONOXIDE AND CARBON
DIOXIDE.

TOXICOLOGICAL PROPERTIES

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF ENTRY:
INHALATION, ACUTE NO HARMFUL EFFECTS EXPECTED.
INHALATION, CHRONIC BASIC VIOLET 10 IS LISTED BY IARC AS A
KNOWN OR SUSPECTED HUMAN CARCINOGEN.
SKIN CONTACT WILL TEMPORARILY COLOR THE SKIN.

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SKIN ABSORPTION NO HARMFUL EFFECTS EXPECTED.
EYE CONTACT MAY CAUSE SLIGHT IRRITATION.
INGESTION MAY CAUSE URINE TO HAVE A REDDISH COLOR
UNTIL ALL THE DYE HAS BEEN REMOVED FROM
THE SYSTEM.
EFFECTS OF ACUTE EXPOSURE . . . NO HARMFUL EFFECTS EXPECTED.
EFFECTS OF CHRONIC EXPOSURE . . . PROLONGED OR REPEATED OVEREXPOSURE MAY
RESULT IN DELAYED KIDNEY DAMAGE.
THRESHOLD LIMIT VALUE NOT AVAILABLE
CARCINOGENICITY BASIC VIOLET 10 HAS BEEN SHOWN TO
PROMOTE CANCEROUS TUMOR GROWTH IN
LABORATORY ANIMALS AND IS LISTED AS A
KNOWN OR SUSPECTED HUMAN CARCINOGEN BY
IARC.
TERATOGENICITY NONE KNOWN
MUTAGENICITY BASIC VIOLET 10 HAS BEEN SHOWN TO INDUCE
MUTATIONS IN LABORATORY ANIMALS.
TOXICOLOGICALLY SYNERGISTIC
PRODUCTS NONE KNOWN

PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES RUBBER
RESPIRATORY USE DUST MASK TO AVOID INHALATION
OF DUSTS.
CLOTHING PROTECTIVE CLOTHING WHERE SKIN
CONTACT IS UNAVOIDABLE.
OTHER HAVE ACCESS TO AN EYEWASH.
ENGINEERING CONTROLS GENERAL ROOM VENTILATION
SPILL OR LEAK RESPONSE SWEEP UP THE MATERIAL (AVOID
CREATING A DUST) AND PUT INTO
APPROVED WASTE CONTAINERS.
WASTE DISPOSAL DISPOSE OF WASTE IN ACCORDANCE
WITH FEDERAL, STATE, AND LOCAL
REGULATIONS.
HANDLING PROCEDURES AND EQUIPMENT . . . NO SPECIAL REQUIREMENTS.
STORAGE REQUIREMENTS STORE IN ORIGINAL CONTAINER AWAY
FROM EXCESSIVE HEAT OR OPEN FLAME.
SHIPPING INFORMATION NOT APPLICABLE

FIRST AID MEASURES

FIRST AID EMERGENCY PROCEDURES:

EYE CONTACT FLUSH EYES THOROUGHLY WITH LOW
PRESSURE WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION.

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SKIN CONTACT WASH SKIN THOROUGHLY WITH SOAP
AND WATER.

INHALATION MOVE VICTIM TO FRESH AIR AND
ADMINISTER OXYGEN IF NEEDED. SEEK
MEDICAL ATTENTION IF VICTIM HAS
DIFFICULTY BREATHING.

INGESTION IF LARGE AMOUNTS ARE INGESTED,
IMMEDIATELY INDUCE VOMITING BY
GIVING 2 GLASSES OF WATER AND
STICKING A FINGER DOWN THE THROAT.
GET IMMEDIATE MEDICAL ATTENTION.
DO NOT GIVE ANYTHING BY MOUTH TO
AN UNCONSCIOUS OR CONVULSING
PERSON.

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END OF MATERIAL SAFETY DATA SHEET
