

BRIGHT DYES™ MATERIAL SAFETY DATA SHEET
FLT BLUE™ LIQUID CONCENTRATE
PAGE 1 OF 3

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 AQUEOUS DYE PRODUCT

HAZARDOUS INGREDIENTS

NONE PER 29 CFR 1910.1200

PHYSICAL DATA

PHYSICAL STATE LIQUID
ODOR AND APPEARANCE DARK BLUE
SPECIFIC GRAVITY ~1.04
VAPOR DENSITY (mm Hg @ 25 ° C) NOT DETERMINED
VAPOR DENSITY (AIR =1) NOT DETERMINED
EVAPORATION RATE (Butyl Acetate = 1) NOT DETERMINED
BOILING POINT 100 degrees C (212 degrees F)
FREEZING POINT 0 degrees C (32 degrees F)
pH 5.1 TO 5.3
SOLUBILITY IN WATER HIGHLY SOLUBLE

FIRE HAZARD

CONDITION OF FLAMMABILITY NON-FLAMABLE
MEANS OF EXTINCTION WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, WEAR
SCBA
FLASH POINT AND METHOD NOT APPLICABLE
UPPER FLAMABLE LIMIT NOT APPLICABLE
LOWER FLAMABLE LIMIT NOT APPLICABLE
AUTO-IGNITION TEMPERATURE NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS MAY LIBERATE OXIDES OF CARBON AND NITROGEN
UNUSUAL FIRE HAZARD NOT APPLICABLE

BRIGHT DYES™ MATERIAL SAFETY DATA SHEET
FLT BLUE™ LIQUID CONCENTRATE
PAGE 2 OF 3

EXPLOSION HAZARD

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

REACTIVITY DATA

PRODUCT STABILITY STABLE
PRODUCT INCOMPATIBILITY DO NOT MIX WITH ACIDS
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 KNOWN
INHALATION, CHRONIC NOT KNOWN
SKIN CONTACT WILL TEMPORARILY GIVE SKIN A BLUE COLOR. MAY
CAUSE SKIN IRRITATION.
EYE CONTACT MAY CAUSE IRRITATION.
INGESTION URINE MAY BE A BLUE COLOR UNTIL THE DYE HAS BEEN
WASHED THROUGH THE SYSTEM.
EFFECTS OF ACUTE EXPOSURE NOT KNOWN
EFFECTS OF CHRONIC EXPOSURE NOT KNOWN
THRESHOLD OF LIMIT VALUE NOT APPLICABLE
CARCINOGENICITY RTECS BQ472500 LISTS A CITATION FROM IARC 16.171.78
WHEREIN THE CARCINOGENIC DETERMINATION IN ANIMALS
IS SHOWN TO BE POSITIVE. HOWEVER THE FDA IN IT'S
PERMANENT LISTING FD&C BLUE #1 (FEDERAL REGISTER
VOL. 47, NO. 188, SEPT. 26, 1982) DID NOT CONCUR IN THOSE
FINDINGS.
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.

BRIGHT DYES™ MATERIAL SAFETY DATA SHEET
FLT BLUE™ LIQUID CONCENTRATE
PAGE 3 OF 3

PREVENTATIVE MEASURES (CONT.)

ENGINEERING CONTROLS	NOT NECESSARY UNDER NORMAL CONDITIONS, USE LOCAL VENTILATION IF DUSTY CONDITIONS EXIST.
SPILL OR LEAK RESPONSE	CLEAN UP SPILLS IMMEDIATELY, PREVENT FROM ENTERING FLOOR DRAINS AND PLACE IN WASTE DISPOSAL CONTAINER, FLUSH AFFECTED AREA WITH WATER.
WASTE DISPOSAL	DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
HANDELING PROCEDURES AND EQUIPMENT	NO SPECIAL REQUIREMENTS.
STORAGE REQUIREMENTS	STORE AT ROOM TEMPERATURE BUT ABOVE THE FREEZING POINT OF WATER.
SHIPPING INFORMATION	KEEP FRO FREEZING

FIRST AID MEASURES

FIRST AID EMERGENGY 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
