

MATERIAL SAFETY DATA SHEET

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SECTION ONE -- IDENTITY INFORMATION

TRADE NAME: Visible Fluorescent Water Based Tracer

CHEMICAL/FAMILY NAME: Fluorescent Agent

SECTION TWO -- COMPOSITION/INFO ON INGREDIENTS

--HAZARDOUS INGREDIENTS--

NONE Per 29 CFR 1910.1200

SECTION THREE -- PHYSICAL DATA

PHYSICAL DATA PHYSICAL STATE-LIQUID

ODOR AND APPEARANCE-Red, WITH NO APPARENT ODOR

SPECIFIC GRAVITY APPROXIMATELY 1.05

VAPOR DENSITY (mm Hg @ 25 + C) -23.75

VAPOR DENSITY (AIR =1), -0.6

EVAPORATION RATE (Butyl Acetate = 1) -1.8

BOILING POINT 100 degrees C (212 degrees F)

FREEZING POINT 0 degrees C (32 degrees F)

pH --@ 8.0 OR ABOVE

SOLUBILITY IN WATER HIGHLY SOLUBLE **SECTION FOUR -- 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 NOT APPLICABLE

UNUSUAL FIRE HAZARD NOT APPLICABLE

SECTION SIX -- EXPLOSION HAZARD

SENSITIVITY TO STATTC DISCHARGE NOT APPLICABLE

SENSITIVITY TO MECHANICAL IMPACT NOT APPLICABLE

DATA

PRODUCT STABILITY: STABLE

PRODUCT INCOMPATIBILITY NONE KNOWN

CONDITIONS OF REACTIVITY NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS NONE KNOWN

SECTION SEVEN -- REACTIVITY

SECTION EIGHT – TOXICOLOGICAL PROPERTIES

SYMPTOMS OF OVER EXPOSURE FOR EACH POTENTIAL ROUTE OF ENTRY:

INHALLATION, ACUTE INHALATION, CHRONIC NO HARMFUL EFFECTS EXPECTED.

SKIN CONTACT WILL TEMPORARILY GIVE SKIN A Red COLOR.

EYE CONTACT NO HARMFUL EFFECTS EXPECTED.

INGESTION URINE MAY BE A Red COLOR UNTIL THE DYE HAS BEEN WASHED THROUGH THE SYSTEM.

EFFECTS OF ACUTE EXPOSURE NO HARMFUL EFFECTS EXPECTED

EFFECTS OF CHRONIC EXPOSURE NO HARMFUL EFFECTS EXPECTED

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

SECTION NINE - PREVENTIVE 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.

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 DRAIN. USE ABSORBANTS AND PLACE ALL SPILL MATERIALS 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 AT ROOM TEMPERATURE BUT ABOVE THE FREEZING POINT OF WATER.

SHIPPING INFORMATION KEEP FROM FREEZING

SECTION TEN -- FIRST AID MEASURES

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 MAILED, 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.