



MSDS – Material Safety Data Sheet

REVISION DATE: 2/25/2002

LAMBDAACID FLUORESCEIN

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAACID FLUORESCEIN
CAS NUMBER: 518-47-8
SYNONYMS: ACID YELLOW 73
CHEMICAL FAMILY: XANTHENE
PRODUCT CODE: 811-073
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 0 Protection: F,N

SECTION 2

COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
XANTHENE DYE	518-47-8	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: Not Determined
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Soluble
Ph (1% suspension): 8.5 – 9.5
SPECIFIC GRAVITY: 1.4
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Orange powder with no odor
BULK DENSITY: Not determined

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Water, DRY CHEMICAL, CO2 FOAM
SPECIAL PROCEDURES: FIREFIGHTERS SHOULD BE EQUIPED WITH NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.
UNUSUAL HAZARDS: MAY LIBERATE IRRITATING OR TOXIC FUMES DURING COMBUSTION OR DECOMPOSITION

MATERIAL SAFETY DATA SHEETS
 REVISION DATE: 2/25/2002

COLORANT NAME: LAMBDAACID FLUORESCEIN

SECTION 5

REACTIVITY DATA

STABILITY:	STABLE UNDER NORMAL CONDITIONS, WILL PRECIPITATE WITH ACIDS
HAZARDOUS POLYMERIZATION:	NOT APPLICABLE
INCOMPATIBILITY:	STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO ₂ , OXIDES OF NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.

SECTION 6

PERSONAL PROTECTION EQUIPMENT INFORMATION

RESPIRATORY PROTECTION:	APPROVED DUST RESPIRATOR, AVOID INHALATION OF DUST.
PROTECTIVE GLOVES:	RUBBER
EYE PROTECTION:	SAFETY GOGGLES
VENTILATION:	USE LOCAL EXHAUST VENTILATION
ADDITIONAL PROTECTIVE MEASURES:	NORMAL GOOD WORKING PRACTICES AND HYGIENE SHOULD BE OBSERVED.

SECTION 7

HEALTH HAZARDS

THRESHOLD LMT VALUES:	Not Applicable
LD ₅₀ (ORAL RAT) :	>6720 mg/Kg
DERMAL IRRITATION-RABBIT:	Not Determined
EYE IRRITATION – RABBIT:	Not Determined
EFFECTS OF EXPOSURE:	May cause mild eye and skin irritation
LISTED CARCINOGENS:	NONE
ADDITIONAL DATA:	NONE

SECTION 8

EMERGENCY AND FIRST AID PROCEDURES

SKIN:	REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAPY WATER. WASH CLOTHING BEFORE REUSE.
EYES:	IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
INHALATION:	IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, CALL A PHYSICIAN
INGESTION:	IF SWALLOWED, INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

ADDITIONAL MEASURES: NONE FOUND

MATERIAL SAFETY DATA SHEETS

REVISION DATE: 2/25/2002

COLORANT NAME: LAMBDA-CYANINE

SECTION 9

SPILL AND DISPOSAL PROCEDURES

SPILL OR LEAK PROCEDURES:

UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND EQUIPMENT. SPILLS SHOULD BE SHOVELED OR VACUUMED AND PLACED INTO CLOSED CONTAINERS FOR PROPER DISPOSAL.

WASTE DISPOSAL:

WASTE AND WATER DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

SECTION 10

OTHER REGULATORY INFORMATION

TSCA: WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA). SECTION 8 (B) OF THE CHEMICAL SUBSTANCE INVENTORY LIST (40 CFR 710)

AICS (AUSTRALIA): COMP LISTED

EINECS: 208-253-0

ENCS (JAPAN): 5-1416

FDA: NOT LISTED

WHMS: D-2-B

SARA HAZARD CLASS: ACUTE: YES (DUST) CHRONIC: NO FIRE: NO REACTIVITY: NO

SARA 313: NOT REPORTABLE

DOT REGULATED: NO

SHIPPING NAME: DYESTUFF, NOI (NMFC 60000)

The manufacturer makes no warranties, expressed or implied, as to the accuracy of the information contained herein. The manufacturer shall be liable to the vendee, the vendee's employees, indirect, special, or consequential damage arising out of or in connection with the accuracy, adequacy, or furnishing of such information. Buckeye Color & Chemical, LLC assumes no legal responsibility for use or reliance upon these data.