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MSDS – Material Safety Data Sheet

REVISION DATE: 02/2/2001

LAMBDAPLAST RED 5B POWDER

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAPLAST RED 5B POWDER
CAS NUMBER: 81-39-0
SYNONYMS: SOLVENT RED 52
CHEMICAL FAMILY: ANTHRAQUINONE DYE
PRODUCT CODE: 616-52
HMIS RATING: HEALTH: 0 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>
ANTHRAQUINONE Dye	81-39-0	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: 273 Degrees Centigrade
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: 0.01% (@20 Deg C.)
Ph (1% suspension): 6.3
SPECIFIC GRAVITY: 1.60
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Red 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

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SECTION 5**REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS
HAZARDOUS POLYMERIZATION: NOT APPLICABLE
INCOMPATIBILITY: STRONG OXIDIZING AND REDUCING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, 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
LD50 (ORAL RAT): >5000 mg/kg
DERMAL IRRITATION-RABBIT: Not Irritating
EYE IRRITATION - RABBIT: Not Irritating
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

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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)

EINECS: 201-346-7

DSL(Canada): Components listed

ECL (Korea): 5-1976

FDA Status: Not listed

SARA HAZARD CLASS: ACUTE: NO CHRONIC: NO FIRE: NO REACTIVITY: NO

DOT REGULATED: NO

SHIPPING NAME: DYESTUFF, NOI(NMFC 600000)

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