



## MSDS – Material Safety Data Sheet

REVISION DATE: 10/16/2001

LAMBDAPLAST BLUE L

### SECTION 1

#### PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAPLAST BLUE L  
CAS NUMBER: 116-75-6  
SYNONYMS: SOLVENT BLUE 104  
CHEMICAL FAMILY: ANTHRAQUINONE DYE  
PRODUCT CODE: 216-104  
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 0

### SECTION 2

#### COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
9,10- ANTHRACENE DIONE, 1,4-BIS (2,4,6,TRIMETHYL PHENYL)	116-75-6	100 %	N.E.

### SECTION 3

#### PHYSICAL PROPERTIES

BOILING POINT: Not Applicable  
MELTING POINT: 240° Centigrade  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: Insoluble  
Ph (1% suspension): Not Applicable  
SPECIFIC GRAVITY: Not determined  
PERCENT NON-VOLATILE: 100%  
APPEARANCE AND ODOR: Dark Blue powder with slight 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, CO <sub>2</sub> , 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 <sub>50</sub> (ORAL RAT):	>5g/kg
DERMAL IRRITATION-RABBIT:	>2g/kg
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

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**SECTION 9**

**SPILL AND DISPOSAL PROCEDURES**

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**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.

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**SECTION 10**

**OTHER REGULATORY INFORMATION**

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**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:**

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

**DOT REGULATED:** NO

**SHIPPING NAME:** DYESTUFF, NOI (NMFC 600000)

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**DISCLAIMER**

The information contained herein is believed to be accurate, but is not warranted. Nothing contained herein constitutes a specification, nor is it intended to warrant suitability for the intended use.