



MSDS – Material Safety Data Sheet

REVISION DATE: 11/3/99

LAMBDAPLAST BLUE NL

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAPLAST BLUE NL
CAS NUMBER: 6994-46-3
SYNONYMS: SOLVENT BLUE 59
CHEMICAL FAMILY: ANTHRAQUINONE
PRODUCT CODE:
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 0

SECTION 2

HAZARDOUS COMPONENTS

| <u>INGREDIENT</u> | <u>CAS NUMBER</u> | <u>PERCENT</u> | <u>CURRENT OSHA LMT</u> |
|-----------------------------------------------|-------------------|----------------|-------------------------|
| 9,10 Anthracenedione, 1,4-bis(ethylamino)- | 6994-46-3 | 100% | N.E. |

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: 216° Centigrade
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Insoluble
Ph (1% suspension): 7.0
SPECIFIC GRAVITY: 6.21 lbs per gallon
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Dark Blue powder, slight odor
BULK DENSITY: 0.745

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): Not Determined
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

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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

TOSCA: 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 CHRONIC: NO FIRE: NO REACTIVITY: NO

DOT REGULATED: NO

SHIPPING NAME: DYESTUFF, NOI(NMFC 600000)

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