



MSDS – Material Safety Data Sheet

REVISION DATE: 10/29/2001

LAMBDA PLAST BLUE GN

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDA PLAST BLUE GN
CAS NUMBER: PROPRIETARY
SYNONYMS: SOLVENT BLUE 67
CHEMICAL FAMILY: PHTHALOCYANINE
PRODUCT CODE: 216-067
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 0 Personal Prot.: E

SECTION 2

HAZARDOUS COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
PHTHALOCYANINE DYE COPPER (COMPLEXED)	PROPRIETARY 7440-50-8	APPROX 90% APPROX 5.5 %	N.E. PEL 1 mg/m3 TLV 1 mg/m3

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: 220° Centigrade
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Practically Insoluble
Ph (1% suspension): 7.9
SPECIFIC GRAVITY: 1.41 G/ml
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Blue powder, 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

MATERIAL SAFETY DATA SHEETS
REVISION DATE: 10/29/2001

COLORANT NAME: LAMBDAPLAST BLUE GN

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): >5,000 mg/kg
DERMAL IRRITATION-RABBIT: Non-Irritating
EYE IRRITATION – RABBIT: Non-Irritating
EFFECTS OF EXPOSURE: May cause mild eye and skin irritation
LISTED CARCINOGENS: NONE
ADDITIONAL DATA: ECOTOXICITY – FISH LD50 (RAINBOW TROUT): >47 mg/kg
BIOLOGICAL DEGRADATION (MOD STURM TEST): 28-day non
biodegradable.

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: 10/29/2001

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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: COMPONENTS LISTED

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

DOT REGULATED: NO

SHIPPING NAME: DYESTUFF, NOI(NMFC 600000)

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