



MSDS – Material Safety Data Sheet

REVISION DATE: 3/4/2002

LAMBDA PERM PHTHALO BLUE BHP

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDA PERM PHTHALO BLUE BHP
CAS NUMBER: 147-14-8
SYNONYMS: PIGMENT BLUE 15:1
CHEMICAL FAMILY: PHTHALOCYANINE
PRODUCT CODE: 210-015.1
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>
PHTHALO PIGMENT	147-14-8	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: > 5000 Degrees Centigrade
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Insoluble
Ph (1% suspension): 6.5 – 8.0 (water 50g/l)
SPECIFIC GRAVITY: 1.53
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Blue 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 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

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)

This product conforms to FDA-CFR 178-3297/176-170.

EINECS: 205-685-1

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

This product conforms to EC resolution AP (89) relative to food contact materials.

*ECC labeling:

None require by directive 67/548/ECC.

*French regulation:

Loi 75-633 (dechets) du 15/07/75 (J.O. du 16/07/75) modifiee relative A l'elimination des dechets.

DOT REGULATED: NO

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