



MSDS – Material Safety Data Sheet

REVISION DATE: 7/18/2003

LAMBDA PERM BLUE 3GP

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDA PERM PHTHALO BLUE 3GP
CAS NUMBER: 147-14-8
SYNONYMS: PIGMENT BLUE 15:3
CHEMICAL FAMILY: PHTHALOCYANINE
PRODUCT CODE: 210-015.3
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 0 Protecton: F

SECTION 2

COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
PHTHALO PIGMENT	147-14-8	80 to 100 %	N.E.
COPPER COMPOUNDS	7440-50-8	10%	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: N.E.
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Insoluble
Ph (1% suspension): N.E.
SPECIFIC GRAVITY: 1.53
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Blue powder with no odor
BULK DENSITY: Approx. 1.4 g/cc

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

AICS(Australia): Components Listed

CAL. PROP. 65: TO THE BEST OF OUR PRESENT KNOWLEDGE, BASED ON INFORMATION AVAILABLE AT THE TIME OF THIS ENTRY, WE ARE NOT AWARE OF ANY CHEMICALS PRESENT IN THIS PRODUCT THAT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY

CERCLA: COPPER & COPPER COMPOUNDS – RQ 5000 lbs

DSL (CANADA): COMPONENTS LISTED

ECL(KOREA): SERIAL #9206-256

ENCS(JAPAN): #5-3299

FDA STATUS: THIS COLORANT MAY BE USED SAFELY IN THE MANUFACTURING OF ARTICLES INTENDED FOR USE IN PRODUCING, MANUFACTURING, PACKING, PROCESSING, PREPARING, TREATING, PACKAGING, TRANSPORTING OR HOLDING FOOD, SUBJECT TO PROVISIONS AND DEFINITIONS SET FORTH IN 21 CFR PART 178.3297

RCRA: NOT HAZARDOUS IN ITS PURCHASED FORM. HOWEVER, UNDER RCRA, IT IS THE PRODUCT USERS RESPONSIBILITY TO DETERMINE AT THE TIME OF DISPOSAL IF ANY MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT IS A HAZARDOUS WASTE.

SARA HAZARD CLASS 311/312

ACUTE: YES (dust) CHRONIC: NO FIRE: NO REACTIVITY: NO

SARA 313: Copper Compound (Approx. 10%)

USDA: NOT LISTED

DOT REGULATED: NO

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