



MSDS – Material Safety Data Sheet

REVISION DATE: 5/27/2003

LAMBDA PERM YELLOW B4G

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDA PERM YELLOW B4G
CAS NUMBER: 31837-42-0
SYNONYMS: PIGMENT YELLOW 151
CHEMICAL FAMILY: MONOAZO PIGMENT
PRODUCT CODE:
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>
AZO PIGMENT	31837-42-0	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: No Data
DECOMPOSITION POINT: No Data
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Insoluble
Ph (1% suspension): 7.0
SPECIFIC GRAVITY: 1.60
PERCENT NON-VOLATILE: Negligible
APPEARANCE AND ODOR: Yellow 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. Apply water spray to cool exposed closed containers
SPECIAL PROCEDURES: FIREFIGHTERS SHOULD BE EQUIPED WITH NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUST.
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:	WILL NOT OCCUR
INCOMPATIBILITY:	STRONG OXIDIZING AND REDUCING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO ₂ , 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 GLOVES
EYE PROTECTION:	SAFETY GOGGLES
VENTILATION:	USE LOCAL EXHAUST VENTILATION
ADDITIONAL PROTECTIVE MEASURES:	NORMAL GOOD WORKING PRACTICES AND HYGIENE SHOULD BE OBSERVED.

SECTION 7**TOXICOLOGICAL HAZARDS**

GENERAL: Based upon industry-wide experience over many years of manufacturing and published toxicological studies, organic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that pigments are somewhat inert and insoluble substances.

There are no established TLV's or PEL's for this product.

ACUTE TOXICITY: This product has a reported acute oral LD50 value of 5 gm/kg or greater in rats.

CHRONIC TOXICITY: Results were negative in an unpublished 19-day feeding study. Also, there was no evidence of irritation in cutaneous and mucosal studies.

SECTION 8**EMERGENCY AND FIRST AID PROCEDURES**

SKIN:	REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAPY WATER. WASH CLOTHING BEFORE REUSE. CONTACT A PHYSICIAN
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, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING, 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. GENERATE AS LITTLE DUST AS POSSIBLE.

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: 2508304

DOT REGULATIONS: NOT REGULATED

OSHA: THIS PRODUCT IS NOT CONSIDERED TO BE A HAZARDOUS SUBSTANCE UNDER OSHA'S FEDERAL HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

SARA TITLE III: SEC 302: NONE
SEC 311/312: NONE
SEC 313: NONE

RCRA: IF DISCARDED IN PURCHASED FORM THIS PRODUCT WOULD NOT BE CONSIDERED A HAZARDOUS WASTE. HOWEVER UNDER RCRA IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE.

STATE LISTINGS:

California's Proposition 65 Regulated Substances: This product does not contain any known levels of substances regulated under Prop 65

CONEG STATUS: This product is certified to be in full compliance with CONEG Model Legislation for packaging and packaging ink components

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