



MSDS – Material Safety Data Sheet

REVISION DATE: 8/5/2002

LAMBDAACID YELLOW GSI

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAACID YELLOW GSI
CAS NUMBER: Proprietary
SYNONYMS: Acid Yellow 59
CHEMICAL FAMILY: AZO METALLIZED DYE
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>
Cr(III) Complex Dye	5601-29-6	100 %	N.E.
CHROMIUM III IN DYE	N/A	3%	
	ACGIH:	TLV TWA	0.5 mg/m ³
	OSHA	PEL TWA	1.0 mg/m ³

PEL's SHOWN ABOVE ARE FOR CHROMIUM (CAS # 7440-47-3)

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
DECOMP POINT: >200 Degrees Centigrade
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: 100 gr/liter
Ph (1% suspension): 8.0 – 9.5
SPECIFIC GRAVITY: Not determined
PERCENT NON-VOLATILE: 100%
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
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: Non-irritant
EYE IRRITATION – RABBIT: Non-irritant
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)

SARA HAZARD CLASS: ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO

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