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## MSDS – Material Safety Data Sheet

REVISION DATE: 4/10/2001

LAMBDAACID FAST RED L-RL

### SECTION 1

#### PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAACID FAST RED L-RL  
CAS NUMBER: PROPRIETARY  
SYNONYMS: ACID RED  
CHEMICAL FAMILY: METALLIZED AZO 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<br>CHROMIUM III IN DYE | Proprietary<br>N/A | 100 %<br>3%                                    | N.E.                    |
|  | ACGIH:<br>OSHA     | TLV<br>PEL                                     | TWA<br>TWA              |
|  |                    | 0.5 mg/m <sup>3</sup><br>1.0 mg/m <sup>3</sup> |                         |

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

### SECTION 3

#### PHYSICAL PROPERTIES

BOILING POINT: Not Applicable  
MELTING POINT: Not Applicable  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: 80 gr/liter  
Ph (1% suspension): 7-8  
SPECIFIC GRAVITY: Similar to H<sub>2</sub>O  
APPEARANCE AND ODOR: Red powder with no odor  
BULK DENSITY: Not determined

### SECTION 4

#### FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable  
EXTINGUISHING MEDIA: Water, DRY CHEMICAL, CO<sub>2</sub> 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: 11/14/2002

COLORANT NAME: LAMBDAACID FAST RED L-RL

**SECTION 5****REACTIVITY DATA**

|                                   |  |
|-----------------------------------|--|
| STABILITY:                        | STABLE UNDER NORMAL CONDITIONS   |
| HAZARDOUS POLYMERIZATION:         | NOT APPLICABLE   |
| INCOMPATIBILITY:                  | STRONG OXIDIZING AND REDUCING AGENTS   |
| HAZARDOUS DECOMPOSITION PRODUCTS: | CO, CO <sub>2</sub> , 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):          | >2000 mg/kg                            |
| DERMAL IRRITATION-RABBIT: | Not Determined                         |
| EYE IRRITATION – RABBIT:  | Not Determined                         |
| EFFECTS OF EXPOSURE:      | May cause mild eye and skin irritation |
| LISTED CARCINOGENS:       | NE                                     |
| 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

MATERIAL SAFETY DATA SHEETS  
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**SECTION 9**

**SPILL AND DISPOSAL PROCEDURES**

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**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.

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**SECTION 10**

**OTHER REGULATORY INFORMATION**

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**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)

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