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MSDS – Material Safety Data Sheet

REVISION DATE: 8/21/2003

LAMBDAACID NAVY BLUE 5R

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAACID NAVY BLUE 5R
CAS NUMBER: 3351-05-1
SYNONYMS: ACID BLUE 113
CHEMICAL FAMILY: Disazo
PRODUCT CODE: 211-113
NFPA Rating Health: 1 Fire: 0 Reactivity: 0

SECTION 2

COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
DYE	3351-05-1	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Available
MELTING POINT: Not Available
VAPOR PRESSURE: Not Available
SOLUBILITY IN WATER: Not Available
Ph (1% suspension): Not Available
SPECIFIC GRAVITY: Not Available
PERCENT NON-VOLATILE: Not Determined
APPEARANCE AND ODOR: Dark 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

MATERIAL SAFETY DATA SHEETS

REVISION DATE: 8/21/2003

COLORANT NAME: LAMBDA CID NAVY BLUE 5R

SECTION 5

REACTIVITY DATA

STABILITY:	STABLE UNDER NORMAL CONDITIONS.
HAZARDOUS POLYMERIZATION:	HAS NOT BEEN REPORTED
INCOMPATIBILITY:	STRONG OXIDIZING 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
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):	Not Available
DERMAL IRRITATION-RABBIT:	Not Available
EYE IRRITATION – RABBIT:	Not Available
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

MATERIAL SAFETY DATA SHEETS

REVISION DATE: 8/21/2003

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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

UNITED STATES FEDERAL

TOSCA:

CAS# 3351-05-1 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the Chemicals are on the Health & Safety Reporting List

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA

SARA

Section 302 (RQ)

None of the chemicals in this material have a RQ

Section 302 (TPQ)

None of the chemicals in this product have a TPQ

Section 313

No chemicals are reportable under Section 313

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone Depletors.

This material does not contain any Class 2 Ozone Depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA

None of the chemicals in this product are listed as Priority Pollutants under the CWA

None of the chemicals in this product are listed as Toxic Pollutants under the CWA

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

LambdAcid Navy Blue 5R is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level:

None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives.

Hazard Symbol: Not Available.

MATERIAL SAFETY DATA SHEETS
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COLORANT NAME: LAMBDA CID NAVY BLUE 5R

SECTION 10- CONTINUED

WGK(Water Danger/Protection)
CAS# 3351-05-1: 2

EINECS # 222-111-5

Canada

CAS # 3351-05-1

WHMIS: Not Available

CAS# 3351-05-1 is not listed on Canada's Ingredient Disclosure List.

DOT REGULATED: No Information Available

CANADIAN TDG: No Information Available

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