



Buckeye Color & Chemical Company, LLC.

4298 Boy Scout Road

Dover, OH 44622

Phone: (330)-364-4296

Fax: (330)-602-7715

## MSDS – Material Safety Data Sheet

REVISION DATE: 11/3/99

LAMBDA PERM RED 3B

### SECTION 1

#### PRODUCT IDENTIFICATION

TRADE NAME: LAMBDAVAT RED 3B  
CAS NUMBER: 4051-63-2  
SYNONYMS: PIGMENT RED 177  
CHEMICAL FAMILY: ANTHRAQUINONE  
PRODUCT CODE: 610-177  
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>
ANTHRAQUINONE Dye	4051-63-2	100 %	N.E.

### SECTION 3

#### PHYSICAL PROPERTIES

BOILING POINT: Not Applicable  
MELTING POINT: 350 Degrees Centigrade  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: Insoluble  
Ph (1% suspension): 7.0  
SPECIFIC GRAVITY: 1.53  
PERCENT NON-VOLATILE: 100%  
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, 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: 11/3/99

COLORANT NAME: LAMBD VAT RED 3B

---

---

**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  
LD<sub>50</sub> (ORAL RAT): Not Determined  
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

MATERIAL SAFETY DATA SHEETS  
REVISION DATE: 11/3/99

COLORANT NAME: LAMBDAVAT RED 3B

---

---

**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)

**EINECS:**

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

**DOT REGULATED:** NO

**SHIPPING NAME:** DYESTUFF, NOI(NMFC 600000)

---

---

The manufacturer makes no warranties, expressed or implied, as to the accuracy of the information contained herein. The manufacturer shall be liable to the vendee, the vendee's employees, indirect, special, or consequential damage arising out of or in connection with the accuracy, adequacy, or furnishing of such information. Buckeye Color & Chemical Co, LLC assumes no legal responsibility for use or reliance upon these data.