



**KOELOR – 041 (LAKE OF PHLOXINE B), C.I.NO.: 45410 : 2**  
**MATERIAL SAFETY DATA SHEET**

<p>MANUFACTURER:          Koel Colours Private Limited.          F-11, Nand-Jyot Industrial Premises,          Andheri-Kurla Road, Safed Pool,          Sakinaka, Andheri (East),          Mumbai – 400 072.  <a href="mailto:sales@koelcolours.in">sales@koelcolours.in</a>, <a href="mailto:technical@koelcolours.in">technical@koelcolours.in</a></p>	<p>EMERGENCY TEL. NUMBERS:          +91-22-6676 4531          +91-22-6676 4532          +91-22-2850 0754</p>
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**SECTION 01 : PRODUCT INFORMATION**

PRODUCT NAME : Lake Of Phloxine B	COLOUR INDEX NO: 45410:2
PRODUCT CODE : Koelcor - 041	CHEMICAL FAMILY : Fluoran
COMPONENT ( s ) : Lake of D & C Red 27	
HAZARDOUS : No	C.A.S. No. : 13473-26-2

**SECTION 02 : HAZARDS IDENTIFICATION**

When involved in a fire or exposed to high temperatures for an extended period of time. organic pigments may smolder or burn evolving noxious fumes which can include oxides of nitrogen and carbon, or other toxic compounds

- Arsenic                               Less than 3.0 ppm
- Lead                                    Less than 10.0 ppm
- Mercury                               Less than 1.0 ppm

These levels are “Typical” quantities and may change slightly with different lots. The term “Less than” indicates that the substance was detected, but the amount was less than the quantifiable limit.

**SECTION 03 : PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Percent Volatile By Weight	NIL
Evaporation Rate	NIL
Appearance and odour	Bright Pink powder. No odour
Molecular Formula	C <sub>20</sub> H <sub>4</sub> O <sub>5</sub> Cl <sub>4</sub> Br <sub>4</sub>

**SECTION 04 : HEALTH HAZARD DATA**

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THRESHOLD LIMIT VALUE	Inert or nuisance dust (ACGIH), 5mg/m <sup>3</sup> Respirable (ACGIH), 10 mg/m <sup>3</sup> Total dust (OSHA), 15 mg/m <sup>3</sup> Total dust
CAR	
CARCINOGENICITY	This product is not considered a carcinogen by IARC, NTP, ACGIH or OSHA
PRIMARY ENTRY ROUTE (S)	Inhalation, Ingestion, Skin and Eye Irritation
ACCUTE EFFECTS	Cause mechanical skin and eye irritation
SUMMARY OF RISKS	May cause mechanical skin and eye irritation. Repeated and prolonged exposures to dust may cause a benign pneumoconiosis called dieresis.
CHRONIC EFFECT (S)	Prolonged inhalation of dust is known as Siderosis. On X-rays it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis producing materials .

**SECTION 05 : FIRST AID MEASURES:-**

EYE CONTACT	Flush eyes with generous amounts of water for at least 15 minutes. Call a physician if irritation persists.
SKIN CONTACT	Wash skin with mild soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs
INHALATION	Remove to fresh air. Get medical attention if breathing is difficult.
INGESTION	If conscious, give large quantities of water to induce vomiting. Get medical attention
EFFECTS OF OVEREXPOSURE	May cause mechanical irritation to eyes and respiratory tract.
EMERGENCY AND FIRST AID PROCEDURES	Wash dust from skin with soap and water. Flush out eyes with large amounts of water for at least 15 minutes. See a physician

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**SECTION 06 : FIRE FIGHTING MEASURES**

Nonflammable pigment product.  
 Extinguishing Media Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.  
 Special Fire Fighting Procedures Self-contained breathing apparatus and full protective equipment recommended  
 Unusual Fire and Explosion Hazards This product will not burn.

**FLAMMABILITY DATA**

Flash Point Non-flammable material  
 Flammability Limits Not applicable  
 Auto ignition Temperature Not applicable  
 Dust Cloud Ignition Temperature Not applicable  
 Dust Layer Ignition Temperature Not applicable

**SECTION 07 : SPILL OR LEAK PROCEDURES**

**Steps to take in case material is released or spilled**  
 Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

**SECTION 08 : SPECIAL PROTECTION INFORMATION**

Eye Protection Safety glasses, goggles, face shield.  
 Skin Protection Leather or rubber gloves.  
 Respiratory Protection Use of a NIOSH approved dust respirator is recommended when exposure limits may be exceeded.  
 Ventilation Exhaust ventilation to collector or containment recommended controlling dust below exposure limits.

**SECTION 09 : HANDLING AND STORAGE**

**Handling:**  
 Good industrial hygiene requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Personal respiratory protection should be employed where dust cannot be controlled in this way.

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**Storage:**

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.

**SECTION 10 : STABILITY AND REACTIVITY**

**GENERAL**

This product is a stable compound and hazardous polymerization will not occur.

**INCOMPATIBILITY**

None known. Avoid strong oxidizing agents.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

There are no known dangerous acute or chronic effects associated with the use of this material.

**SECTION 12 : ECOLOGICAL INFORMATION**

This product has not been evaluated for its ecotoxicity. However, the biodegradation of colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since These pigments are mostly insoluble compounds, they are believed to have bioaccumulation and bioavailability characteristics.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

**General**

This product must be disposed off in accordance with all applicable federal, state and local regulations.

**Waste Management**

Incineration or land filling is recommended disposal techniques. Contact the state or local environmental agency for specific rules.

This product is not identified as a RCRA hazardous, WASTE UNDER 40 CFR 261, and is not regulated under CERCLA (Superfund).

**SECTION 14 : TRANSPORT INFORMATION**

Organic colourants are considered to be non hazardous according to U.S. department of transportation and International shipping Regulations.

**SECTION 15 : USERS RESPONSIBILITY/ DISCLAIMER OF LIABILITY:-**

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The information set forth herein is in accordance with our present experience and knowledge, and is intended to describe the product solely with respect to health, safety and environment. Since we have no influence on the way in which our products are treated and used, we can not take any responsibility in this respect. The user must assume responsibility himself and must determine the suitability of the product for his application. All existing proprietary rights, laws and regulations shall be observed. As such, it must not be interpreted as a Guarantee of any specific property of the product.

**SECTION 16 : OTHER INFORMATION**

For more information contact to Product Safety at

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