



KOELOR – 180 (LAKE OF TARTRAZINE), CI No. 19140:1
MATERIAL SAFETY DATA SHEET

MANUFACTURER: Koel Colours Private Limited. F-11, Nand-Jyot Industrial Premises, Andheri-Kurla Road, Safed Pool, Sakinaka, Andheri (East), Mumbai – 400 072. sales@koelcolours.com	EMERGENCY TEL. NUMBERS: +91-22-67723456 +91-22-6676 4531/32 +91-22-2850 0754
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SECTION 1 : PRODUCT INFORMATION

PRODUCT NAME : Tartrazine	COLOUR INDEX NO: 19140
PRODUCT CODE : Koelor - 180	CHEMICAL FAMILY : Pyrazolone
COMPONENT (s) : FD & C Yellow 5	
HAZARDOUS : No	C.A.S. No. : 1934-21-0

SECTION 2 : HAZARDS IDENTIFICATION

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

Arsenic	Less than 3.0 ppm
Lead	Less than 2.0 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 3 : 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	Orange powder. No odour
Molecular Formula	C ₁₆ H ₉ N ₄ O ₉ S ₂ N _{a3}

SECTION 4 : HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Inert or nuisance dust (ACGIH), 5mg/m ³ Respirable (ACGIH), 10 mg/m ³ Total dust
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CAR	(OSHA), 15 mg/m ³ Total dust
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 5 : 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 6 : 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 7 : 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 8 : 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 9 : HANDLING AND STORAGE

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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.

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 such 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 contact with reactive material.

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 soluble compounds, they are believed to have bioaccumulation and bioavailability characteristics.

SECTION 13 : DISPOSAL CONSIDERATIONS

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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

Water soluble pigments are considered to be non hazardous according to U.S. department of transportation and International shipping Regulations.

SECTION 15 : USERS RESPONSIBILITY/ DISCLAIMER OF LIABILITY:-

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

Koel Colours Private Limited.

F-11, Nand-Jyot Industrial Premises,
Andheri-Kurla Road, Safed Pool,
Sakinaka, Andheri (East),
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