

**KOELIN – 1197 PP (MICA – TREATED WITH LAUROYL LYSINE)
MATERIAL SAFETY DATA SHEET**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Mica treated with Lauroyl Lysine (Koelin – 1197 PP)

1.2 Relevant identified uses of the substance or mixture and uses advised against Suitable uses:

Coloring agent and Pigment

1.3 Details of the supplier of the safety data sheet

Koel Colours Private Limited

F – 11, Nand Jyot Industrial Premises, Andheri Kurla Road, Safed Pool, Saki naka, Andheri (East), Mumbai – 400 072 (India)

Phone No.: +91 22 677 234 56

Email : sales@koelcolours.in (For Domestic), sales.int@koelcolours.in (For International)

Section 02 : Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification: Not classified

Classification according to Directive 67/548/EEC [DSD]

Classification: Not classified

2.2 Label elements

Hazard pictograms: Not applicable

Signal word: No signal word

Hazard statements: No known significant effects or critical hazards.

Precautionary statements

Prevention: Not applicable **Response:** Not applicable

Storage: Not applicable **Disposal:** Not applicable

2.3 Other hazards

Other hazards which do not result in classification:

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Section 03 : Composition / Information on Ingredients

Preparation contains:-

- Mica, CAS No.: 12001-26-2
- Lauroyl Lysine, CAS No.: 52315-75-0

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Section : 04 First – Aid measures

4.1 Description of first aid measures

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathings irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: No special measures required.

Skin contact: No special measures required.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

See Section 11 for more detailed information on health effects and symptoms.

Section 05 : Fire – Fighting measures

5.1 Extinguishing media

Suitable extinguishing media: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: No specific fire or explosion hazard.

Hazardous combustion products: No specific data.

5.3 Advice for fire fighters

Special precautions for fire fighters: Not applicable.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode..

Section 06 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Avoid breathing dust. Provide

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adequate ventilation. Put on appropriate personal protective equipment (see Section 8).
Hazard of slipping on spilt product.

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up Small spill

Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 07 : Handling and Storage

7.1 Precautions for safe handling: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities: No special measures required.

7.3 Specific end use(s) Recommendations: Not available.

Industrial sector specific solutions: Not available

Section 08 : Exposure controls / Personal Protection

8.1 Control parameters Exposure limit values: Not available.

Ingredient name Type Exposure Value Population Effects

Mica DNEL Long term Inhalation 10 mg/m³ Workers Local

DNEL Long term Inhalation 3 mg/m³ Workers Local

Conclusion/Summary: Dust Inhalable 10 mg/m³, Respirable dust 3 mg/m³

Predicted effect concentrations

Conclusion/Summary: PNECs: Not applicable.

Recommended monitoring procedures:

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If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

8.2 Exposure controls Risk management measures Occupational exposure controls

Technical

measures:

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protection measures

Respiratory protection **Hand protection:** Recommended: Dust-protection mask

Hand protection: Recommended: gloves

Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If operating conditions cause high dust concentrations to be produced, use dust goggles. Recommended: safety glasses with side-shields

Skin protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Environmental exposure controls

Technical measures: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 09 : Physical and Chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Physical state: Solid powder

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Colour: White

Odour: Odourless

Important health, safety and environmental information

Melting point: No specific data

Solubility: Insoluble in all solvents.

9.2 Other information: No additional information.

Section 10 : Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: No specific data.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 : Toxicological Information

LD₅₀ (Oral) > 10g/kg (rats)

Chronic / Carcinogenicity : No human carcinogen

Teratology : No teratogenic

Reproductive : No toxic for reproduction

Mutagenicity : No mutagenic

Other Studies : no information available

Section 12 : Ecological Information

Environmental Fate :

This material is not expected to biodegrade when released into the soil. This material is not expected to significantly bioaccumulate.

LC₅₀ (Fish) > 10000 mg/kg

Section 13 : Disposal considerations

13.1 Waste treatment methods

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Product

Methods of disposal: Examine possibilities for re-utilisation. Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14 : Transport Information

	ADR/RID	ADN/ADNR	IMDG	IATA
A. UN number				
B. UN proper shipping name	-	-		-
C. Transport hazard class(es)				
D. Packing group	-	-		-
E. Environmental hazards	No.	No.	No.	No.
F. Special precautions for user/Additional information	Not regulated	Not regulated	Not regulated	Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

Hazard notes: Not dangerous cargo. Keep separated from foodstuffs.

Section 15 : Regulatory Information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

15.2 Chemical Safety Assessment: Not applicable.

Section 16 : Other Information

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACH)] is to describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.

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