



PRISM INDUSTRIES PRIVATE LIMITED

AN ISO 9001:2015, ISO 14001:2015, ISO 45000:2018, WHO-GMP APPROVED COMPANY

Works Address : Survey No. 637/23/A1, Khambhat Dhuvaran Road, At Kalamсар, Tal. Khambhat, Dist. Anand-388640, Gujarat. India. M. : 9727701668, 9712934397

CIN : U24231GJ1992PTC 017501 | PAN : AABCP7162Q | GSTIN : 24AABCP7162Q1ZY

Regd. Office : 208, Trivia Complex, Nr. Natubhai Circle, Race Course, Vadodara-390 007. Ph. : 0265-3504650 / 0265-3504649
Email : info@prismind.com | Website : www.prismindustriesltd.com

MATERIAL SAFETY DATA SHEET

(LUMEFANTRINE)

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Lumefantrine
Company Identification : Prism Industries Private Limited
Survey No.637/23/A1, Khambhat Dhuvaran Road, At: Kalamсар
Ta: Khambhat, Di: Anand-388640, Gujarat, India
Contact No. : 9727701668, 9712934397
For further enquiries : info@prismind.com

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Index-No.	EC-No.	Classification	Concentration
82186-77-4	Lumefantrine	N/A	N/A	Antimalarial Drug	100%

Synonyms: 2-Dibutylamine-1-[2,7-dichloro-9-(4chlorobenzylidene)-9H-fluoren-4-YL]-ethanol

SECTION 4 FIRST AID MEASURES

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Skin Contact

Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Get



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medical aid if irritation develops and persists. Wash clothing before reuse.

Eye Contact

Flush eyes with water as a precaution. Consult a physician.

Ingestion

Do not induce vomiting. Rinse mouth with water. Never give anything to an unconscious person by mouth. Consult a physician.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Special protective equipment for emergency personnel

Wear self contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Further information

Use water spray to cool unopened containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid dust formation. Evacuate area. Wear appropriate protective clothing to minimize contact with skin. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.

Methods for cleaning up

Sweep up and shovel, then place in suitable container for appropriate disposal.

SECTION 7 HANDLING AND STORAGE

Handling

Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes, skin or clothing. Avoid prolonged or repeated exposure.

Storage

Store in a cool, dry place. Store in a tightly closed container.

Recommended storage temperature: -20°C

Specific end use(s) No further relevant information available.



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SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

General Hygiene Measures

Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

Personal Protective Equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Compatible chemical-resistant gloves.

Eye protection

Chemical safety goggles.

Skin and body protection

Wear appropriate protective gloves to prevent skin exposure.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Crystalline powder
Colour	Yellow
Molecular Formula	C ₃₀ H ₃₂ Cl ₃ NO
Molecular Weight	528.94
pH	5.0 to 7.0
BP	n/a
MP	126°C to 130°C
Flash Point	n/a
Flammability	n/a
Auto ignition: Temperature	n/a
Oxidizing Properties	n/a
Explosive Properties	n/a
Explosion Limits	n/a
Vapour Pressure	n/a
Density	n/a
Partition Coefficient	n/a
Viscosity	n/a



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Vapour Density	n/a
Saturated Vapour Concentration	n/a
Evaporation Rate	n/a
Bulk Density	n/a
Decomposition Temperature	n/a
Solvent Content	n/a
Water Content/ Loss on drying	Not more than 0.5 %
Surface Tension	n/a
Conductivity	n/a
Miscellaneous Data	n/a
Solubility	Insoluble in water, Soluble in Ethyl acetate
Other information	No further relevant information available.

SECTION 10 STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Conditions to avoid

Incompatible materials.

Materials to avoid

Strong oxidizing agents, acids, acetic anhydride, acid chlorides, carbon dioxide.

Hazardous decomposition products

Carbon monoxide, Carbon dioxide

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Irritation and corrosion

No data available

Sensitisation z

No data available

Chronic exposure



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No data available

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

SECTION 12 ECOLOGICAL INFORMATION

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Not dangerous goods. Not hazardous for road, sea or air transport.

SECTION 14 TRANSPORT INFORMATION

Not dangerous goods. Not hazardous for road, sea or air transport.

SECTION 15 REGULATORY INFORMATION

Further information:

The product does not need to be labelled in accordance with EC directives or respective national laws.

SECTION 16 ADDITIONAL INFORMATION

Warranty The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Prism industries Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2009 Prism Industries Pvt. Ltd. License granted to make unlimited paper copies for internal use only.