

Material Safety Data Sheet



Emergency Phone : +82 2 69243905
LG Life Sciences, Ltd.
Seoul, 110-062, Korea

Pyribenzoxim 5% EC

Effective Date : N/A

1. Identification of the substance and company

Product Name : Pyribenzoxim 5% EC

Company Identification

LG Life Sciences Ltd.
92, Sinmunno 2-ga, Jongno-gu, Seoul, 110-062, Korea.
TEL : +82-2-6924 3905 FAX : +82-2-6924-3064

2. Composition / Information on Ingredients

Ingredients : Pyribenzoxim Technical grade
Pyribenzoxim : CAS RN 168088-61-7

3. Hazard Identification

Potential Health Effect:

Eye : May cause moderate irritation

Skin : Prolonged or repeated exposure not likely to cause significant skin irritation.

Ingestion : No hazards anticipated from swallowing small amounts incidental to normal handling operation

Inhalation : Vapors are unlikely due to physical properties. Single exposure to dust is not likely to be hazardous.

4. First-Aid Measures

Inhalation : Remove patient from exposure.
Obtain medical attention.

Skin Contact : Brush off contaminated clothing.
Wash skin with water.
If symptoms develop, obtain medical attention.

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Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
Obtain medical attention

Ingestion : Do not induce vomiting
Wash out mouth with water and give 200 - 300ml of water to drink.

5. Fire-Fighting Measures

Flash Point : 64degC

Extinguishing media : Use water, carbon dioxide, or dry chemicals.

Fire and Explosion Hazards : May emit toxic fumes when heated to decomposition.

Special fire fighting procedures : Wear self-contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

6. Accidental Release Measures

Action To Take For Spills : In case of leak or spill, contain material and dispose as waste. Don't contaminate any body of water. Sweep up material, place in a bag, and hold for waste disposal. Ventilate area and wash spill after material pickup is complete.

7. Handling and Storage

Precautions To Be Taken In Handling And Storage :

Keep out of reach of children. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with skin and clothing. Users should wash hands before eating and drinking. Do not contaminate water, food, or feed by storage. The herbicidal properties of this product require caution in handling, storage and transportation of this product. Store in original container only. Store in a dry area.

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8. Exposure Controls / Personal Protection

Wear chemical safety goggles.
Wear compatible chemical-resistant gloves.
Take safety shower and eye bath after handling
Mechanical exhaust required.
Do not breathe dust
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Store in a cool place.

9. Physical and Chemical Properties

Boiling Point : more than 170degC
Appearance : yellowish liquid
Odor : weak amine or aromatic odor
Vapor Pressure(25 °C) : Not determined
Specific Gravity (20 °C) : 1.024

10. Stability and Reactivity

Stability : Stable under normal storage conditions.

Incompatibility : Strong acidic and alkali materials should be avoided.

Hazardous Decomposition Materials : Not known to occur.

11. Toxicological Information

Rat acute oral toxicity LD₅₀: >2000 mg/kg (♂ ♀)
Rat acute dermal toxicity LD₅₀: >2000 mg/kg (♂ ♀)
Ames test : Negative
Chromosome aberration test : Negative
Micronucleus test : Negative
Not a skin sensitiser

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12. Ecological Information

These ecological data are for the active ingredient, pyribenzoxim.

Fish acute toxicity (carps) : $LC_{50} > 100$ mg/l

Algae acute toxicity : $LC_{50} > 100$ mg/l

Daphnia acute toxicity : $LC_{50} > 100$ mg/l

Effect on Birds : Not investigated

13. Disposal Consideration

Disposal should be in accordance with local or national legislation.

14. Transport Information

For the transport information, if required, consult LG Life Sciences
(telephone : +82 2 6924 3905)

15. Other Information

MSDS first issued : April 4 2001

MSDS first revised : Oct 25 2006

MSDS second revised: Sep.30, 2010

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication.

Nothing herein is to be constructed as a warranty, express or otherwise. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular purpose.