

Material Safety Data Sheet



Emergency Phone : +82 2 6924 3905
LG Life Science Ltd.
LG Gwanghwamun bldg. 92, sinmunno
2-ga, Jongno-gu, Seoul, 110-783, Korea

Pyrazosulfuron-ethyl 10%WP

1. Identification of the substance and company

Product Name : Pyrazosulfuron-ethyl 10%WP

Company Identification

LG Life Sciences Ltd.

LG Gwanghwamun bldg., 92, Sinmunno 2-ga, Jongno-gu, Seoul, 110-783, Korea

TEL : +82-2-6924-3905 FAX : +82-2-6924-3064

2. Composition / Information on Ingredients

Active ingredient : Pyrazosulfuron-ethyl

Inert ingredients : Dispersant, Wetter, Celite, Pyrophyllite

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.

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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.

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 : Not applicable

Method Used : Not applicable

Flammable Limits

LFL : Not applicable

UFL : Not applicable

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. Avoid raising dust. Ventilate area and wash spill after material pickup is complete.

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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.

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

Appearance : White powder
Boiling Point : Not applicable
pH : 5.78 ± 0.02 (1% solution)
Vapor Pressure(25°C) : Not determined
Specific Gravity : $0.81 \pm 0.005\text{g/cm}^3$ (at 20°C)

10. Stability and Reactivity

Stability : Stable at the normal storage conditions.
Incompatibility : Strong acidic and alkali materials should be avoided.
Hazardous Decomposition Materials : Not known to occur.

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11. Toxicological Information

Rat acute oral toxicity	LD ₅₀ : >5000 mg/kg (♂ ♀)
Rat acute dermal toxicity	LD ₅₀ : >2000 mg/kg (♂ ♀)
Rat acute inhalation toxicity	LD ₅₀ : >5.3 mg/L
Skin irritation	Not irritating
Eye irritation	Not irritating

12. Ecological Information

These ecological data are for the active ingredient, pyrazosulfuron-ethyl.
Fish acute toxicity (rainbow trout) : LC₅₀ > 180 mg/l
Algae acute toxicity : LC₅₀ 1 mg/l
Daphnia acute toxicity : TLm(3h) >10 mg/l

13. Disposal Consideration

Check governmental regulations and local authorities for approved disposal of this material.
Dispose in accordance with applicable laws and regulations.

14. Transport Information

This product is only for the sample for toxicity studies. For the transport information, if required, consult LGLS (telephone : +82 2 6924 3905)

15. Regulatory information

This material is only for the evaluation. Thus, regulatory information is not available at present. 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.
