



MATERIAL SAFETY DATA SHEET

Manufacturer/information service:

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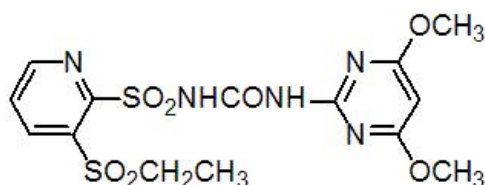
1. Chemical Product Identification

Common Name: Rimsulfuron 25% WDG

Molecular Formula: C₁₄H₁₇N₅O₇S₂

Molecular Weight: 431.44

Structural Formula:



Chemical Name: 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-ethylsulfonyl-2-pyridylsulfonyl)urea

Form: Granule

Color: Light brown

Odor: Odorless

CAS No.: 122931-48-0

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Rimsulfuron	122931-48-0	25
Other ingredients	---	75

3. Hazards Identification

Emergency Overview: CAUTION! Causes eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist.



Potential Health Effects: Based on animal data, eye contact may cause eye irritation with tearing, pain or blurred vision. Based on animal data, repeated dermal contact may cause skin irritation with itching, burning, redness, swelling or rash.

Carcinogenicity Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. First Aid Measures

Eye: Contact Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a physician or Poison Control Center immediately Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

Suitable extinguishing media : Water spray, Dry chemical, Foam, Carbon dioxide (CO₂).

Unsuitable extinguishing media: High volume water jet, (contamination risk).

Firefighting Instructions: Wear full protective clothing and self-contained breathing apparatus. (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

6. Accidental Release Measures

Safeguards (Personnel): Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Use personal protective equipment.

Spill Cleanup: Sweep up and shovel into suitable containers for disposal.

Accidental Release Measures: Prevent material from entering sewers, waterways, or low areas. Never return spills in original containers for re-use. Dispose of in accordance with



local regulations.

7. Handling And Storage

Handling: Avoid contact with skin, eyes, and clothing. Avoid breathing dust or spray mist.

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Storage: Keep container tightly closed and store in a cool, dry and well-ventilated place.

Keep/store only in original container. Store at ambient conditions. Do not contaminate water, food or feed by storage, disposal or by cleaning equipment.

8. Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride.

General: Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. Physical and Chemical Properties

Appearance: Light brown granule

pH: 6.0-9.0

Moisture: $\leq 2.0\%$

Suspensibility: $\geq 80\%$

Wetting time: $\leq 60s$

Fineness (through 75 μm sieve): $\geq 98\%$

Persistent foam: $\leq 25mL$

10. Stability and Reactivity

Stability: Stable at normal temperatures and storage conditions.

Conditions to avoid: None reasonably foreseeable.



Incompatibility: No materials to be especially mentioned.

Hazardous reactions: Polymerization will not occur.

11. Toxicological Information

Acute oral LD50 for rat: >5000 a.i.mg/kg

Acute dermal LD50 for rat: >2000 a.i.mg/kg

Inhalation LC50 (4 h) for rat: >5.4 a.i. mg/L

Skin irritation: Non-irritating to skin (rabbits)

Eye irritation: Moderate irritant to eyes (rabbits)

Skin sensitization: Not a skin sensitiser (guinea pigs).

12. Ecological And Ecotoxicological Information

Effect on birds: low toxicity to birds, acute oral LD50 for Bobwhite quail is >2250 a.i.mg/kg.

Effect on fish: low toxicity to fish, acute 96 hour LC50 for Rainbow trout is >390 a.i.mg/L.

Effect on aquatic invertebrates: low toxicity to aquatic invertebrates, acute 48 hour EC50 for Daphnia magna is >360 a.i.mg/L.

Effect on algae: moderate toxicity to algae, acute 72 hour EC50 for Scenedemus subspicatus is 1.2 a.i.mg/L.

Effect on honeybees: low-moderate toxicity to honeybees, contact acute 48 hour LD50 is >100 a.i.µg/bee; oral acute 48 hour LD50 is 41.1 a.i.µg/bee.

Effect on earthworms: low toxicity to earthworms, acute 14 day LC50 for Eisenia foetida is >1000 a.i.mg/kg.

13. Disposal Considerations

Waste Disposal: Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Container Refilling and Disposal: Refer to the product label for instructions. Do not transport if this container is damaged or leaking. In the event of a major spill, fire or other emergency.

14. Transport Information

Not applicable.



15. Regulatory Information

Not applicable.

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.