



SAFETY DATA SHEET NIMROD 250 EW

Section 1: Identification of the Substance and Supplier

Product name: NIMROD 250 EW
Chemical name of active Ingredient(s): C₁₃H₂₄N₄O₃S (Bupirimate)
Use: Fungicide
Supplier: ADAMA New Zealand Limited
Level1/19 Elms Street, Wakatu Estate, Stoke, Nelson, New Zealand
P.O.Box 1799, Nelson New Zealand.
Telephone: +64 3 543 8275 Fax: +64 3 543 8274
Emergency Telephone: 0800 POISON (0800 764 766)

Section 2: Hazards Identification

Hazard Classifications: 6.9B, 9.1A
Most important hazards: TOXICITY
Warning – presumed to cause organ damage (alimentary system-liver) from repeated oral exposure at high doses
ECOTOXICITY
Very toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.

Section 3. Composition/Information on Ingredients

Substance/preparation	Preparation				
<u>Information on hazardous ingredients *</u>					
Common name	CAS No.	Value	EC Number	Symbol	R-Phrases
Bupirimate	041483-43-6	25%	255-391-2	N	R43, R51-53

- Occupational Exposure Limit(s), if available, are listed in section 8

Section 4: First-Aid Measures

First-aid measures:
Inhalation: Remove victim to fresh air. Consult a doctor in the event of any complaints.
Ingestion: If swallowed, do NOT induce vomiting. Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
For advise, contact the National Poisons Centre on 0800 POISON (0800 764766).
Skin contact: Remove contaminated clothing. Wash away remainder with water and Soap. Followed by a warm water rinse. Consult a doctor in the event of any complaints.
Eye contact: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Consult eye specialist immediately.
Protection of first-aiders: Use appropriate protection (see section 8).

Section 5: Fire-Fighting Measures

Extinguishing media
Suitable: Dry chemical, carbon dioxide water spray, alcohol resistant foam.
Special Procedures: Exercise caution when fighting any chemical fire. Fight fires from protected location. Dike fire control water for later disposal. Keep container cool by spraying with water.



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Special Exposure Hazards: Thermal decomposition generates: carbon dioxide, carbon monoxide, nitrogen oxide, sulfur oxide, sulfides.

Protection of fire-fighters: Wear proper protective equipment. Self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions: Wear appropriate protective clothing. (see section 8)

Environmental precautions: Dispose of this material and its container at hazardous or special waste collection point, in accordance with national and regional regulations. If the product has contaminated surface water, inform the appropriate authorities. Prevent entry to sewers and public waters.

Methods for cleaning up: In the event of minor spillage. Absorb remainder in sand or other inert material. Use appropriate container to avoid environmental contamination. In the event of major spillage: Collect and contain as much free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal. Dispose of in an authorised waste collecting point.

Section 7: Handling and Storage

Handling: Keep out of reach of children. Do not breathe fumes. Avoid contact with skin and eyes. Do not eat, drink or smoke while using. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and leaving work.

Storage: Store in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage of Nimrod EW Fungicide must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations.

Packaging: Multi layer high density polyethylene extrusion blow containers

Section 8: Exposure Controls/Personal Protection

Hygiene measures: Either local exhaust or general room ventilation is usually required. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash clothing before re-use.

Occupational Exposure Limits:
TLV-TWA [mg/m³] 10, 8h (Bupirimate)

Personal protective equipment:

Respiratory Protection: Approved dust or mist respirator should be used if airborne particles are generated when handling this material.

Skin and body: Wear suitable protective clothing. Chemical resistant boots.

Hands: Chemical resistant gloves.

Eyes: Safety goggles or Chemical goggles.

Section 9: Physical and Chemical Properties

Physical state: Liquid
Colour: Whitish
Odour: Odourless
Molecular weight: 316.4 (Bupirimate)
Melting Point [C] 50-51 (Pure)



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Density: 1.05 gr/ml
Solubility in water: Emulsifiable
Flash point [°C]: Not applicable (Water solution)

Section 10: Stability and Reactivity

Hazardous decomposition

Products: Thermal decomposition generates: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxide, sulfides.

Conditions to avoid: Direct sunlight, heat, and temperatures exceeding 35°C.

Section 11: Toxicological Information

Preparation

Acute toxicity No toxicological information is known on the product. For Bupirimate 25 EC
Acute toxicity - Oral: LD₅₀ (rat) >2,000 mg/kg
Acute toxicity - Dermal: LD₅₀ (rabbit) >2,000 mg/kg
Acute toxicity - Inhalation: LC₅₀ (rat) >3.18 mg/L/4h
Skin irritation: Irritant (rabbit).
Eye irritation: Not irritating (rabbit).
Sensitization: Non Sensitizer

Section 12: Ecological Information

Ecological effects information: No ecological information is known on the product. For Bupirimate 25 EC
LD50 Birds [mg/kg]: >2,000 (quail)
Bees LD50 [µg/Bee]: Oral > 200
48 H-EC50 – Daphnia magna [mg/l]: 11.9
72 H-IC50 Algae [mg/l]: 4.9
96 H-LC50 – fish [mg/l]: 6.22 (rainbow trout)

Section 13: Disposal Considerations

Methods of disposal: Container Disposal - Triple rinse empty container and add rinsate to spray tank. Burn in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill, or if appropriate, recycle. Avoid contamination of any water supply with product or empty container.

Section 14: Transport Information

UN Number 3082
Proper shipping name Environmentally hazardous substance, Liquid, N.O.S, (Bupirimate)
DG Class 9
Packing Group III
Hazchem Code 2X
Marine Pollutant Yes
IER Guide page 47
National transport regulations: Do not carry this product on a passenger service vehicle.

Segregation: Check the land transport Rule Dangerous Goods 1999, Rule 45001 for additional information. Sea transport may require additional segregation. Refer: NZS5433; Sea Segregation, or the International Maritime Dangerous Goods Code for details.



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Section 15: Regulatory Information

New Zealand Regulatory Information:

NZFSA Approval:

Registered pursuant to the ACVM Act 1997. No P7420
See www.nzfsa.govt.nz/acvm for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval No. HSR0001738
See www.ermanz.govt.nz for registration conditions.

HSNO Classifications:

6.9B, 9.1A



ECOTOXIC

Record Keeping: Records of use must be kept under certain circumstances – see The New Zealand Standard for the Management of Agrichemicals (NZS 8409) for details.

Section 16: Other Information

Note: This product is a registered agricultural chemical and must be therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

The information contained in the Safety Data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

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HISTORY

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