



RECON™

BOLD SL

SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: ReCon Bold SL
DESCRIPTION: Liquid fungicide
EPA REG. NO.: 91234-219
COMPANY IDENTIFICATION: Atticus, LLC
 5000 CentreGreen Way, Suite 100
 Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Harmful if swallowed (H320)
 Causes eye irritation (H320)



HAZARD CLASSIFICATION

Health Hazards	Category	Other Hazards	Category
Acute Toxicity, Oral	4	None	-
Eye Damage/Irritation	2B		
		Environmental Hazards	Category
		None	-

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

PRECAUTIONARY STATEMENTS

Wash hands and exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. (P264+P270)

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. (P301+P312+P330)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. (P305+P351+P338+P337+P313)

Dispose of contents / container in accordance with local regulations. Refer to the product label for specific disposal instructions. (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Mefenoxam	D-Alanine, N-(2,6-dimethyl-phenyl)-N-(methoxyacetyl)-, methyl ester and L-Alanine, N-(2,6-dimethyl-phenyl)-N-(methoxyacetyl)-, methyl ester	70630-17-0 and 69516-34-3	43.5-46.7%

Common Name	Chemical Name	CAS #	Composition
Acetophenone	Ethanone, 1-phenyl-	98-86-2	< 20%
2-Heptanone	2-Heptanone	110-43-0	< 10%
Other Inert Ingredients		Trade Secret	28.1-31.2%

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical assistance, call SafetyCall@: **1-844-685-9173**. For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC: **1-800-424-9300**.

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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

5. FIREFIGHTING MEASURES

Flash Point: No data available.

Fire and Explosion Hazards: Do not use or store near heat or open flame.

Extinguishing Medium: Water fog, foam, dry chemical, or carbon dioxide (CO₂).

Fire Fighting Equipment: Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Use foam or dry chemical fire extinguishing systems to prevent environmental damage from excessive water runoff. Decontaminate fire fighting gear and personal protective equipment before reuse.

Hazardous Combustion Products: Irritating and possibly toxic gases may be generated through combustion or thermal decomposition.

NFPA Ratings: Health – 1 / Flammability – 1 / Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain.

Spill Cleanup: Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g., commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

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: Applicators, and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves made of barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, or Viton \geq 14 mils; and shoes plus socks.

General: 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:	dark amber liquid
Odor:	sweet
Melting/Freezing Point:	no data available
Boiling Point/Boiling Range:	no data available
Flammability:	no data available
Flam. Limits (upper/lower):	no data available
Flash Point (cc):	no data available
Auto-Ignition Temp.:	no data available
Decomposition Temp.:	no data available
pH:	4.72 (1% dispersion)
Capillary Viscosity:	43.8 cPs @ 25°C 22.2 cPs @ 40°C
Solubility:	no data available
Partition Coefficient:	no data available
Vapor Pressure:	no data available
Hydrometer Density:	1.070 g/cm ³ (8.93 lbs./gal) @ 25°C 1.045 g/cm ³ (8.72 lbs./gal) @ 40°C
Particle Char.:	no data available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rabbit LD₅₀): 550 mg/kg (body weight)

DERMAL TOXICITY (rabbit LD₅₀): > 2,000 mg/kg (body weight)

INHALATION TOXICITY (rat LC₅₀): > 5.58 mg/L (4-hour)

EYE IRRITATION: Moderately irritating (Rabbit)

SKIN IRRITATION: Non-irritating (Rabbit)

SKIN SENSITIZATION: Not a Sensitizer (Guinea Pig)

CARCINOGENICITY:

NTP: Not listed

IARC: Not listed

EPA: Not listed

MUTAGENIC TOXICITY: No data available.

REPRODUCTIVE TOXICITY: No data available.

CHRONIC TOXICITY: Liver effects at high dose animal tests.

TARGET ORGAN EFFECTS: Liver (mefenoxam), eyes (2-Heptanone)

12. ECOLOGICAL INFORMATION

The following information is for the active ingredient, Mefenoxam:

Rainbow Trout (96-hour LC₅₀): > 121 ppm

Water Flea (48-hour EC₅₀): > 113 ppm

AVIAN TOXICITY

Bobwhite Quail (14-day LD₅₀): 981 mg/kg

ENVIRONMENTAL FATE

Does not bioaccumulate. Not persistent in soil or water. Moderate mobility in soil.

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US-DOT: Not regulated

IMDG: Not regulated

IATA: Not regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Surface Water Advisory

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecast to occur within 48 hours.

Ground Water Advisory

Mefenoxam is known to leach through the soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Immediate (acute)

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients

Acetone (CAS No. 98-86-2): < 20%

CERCLA Reportable Quantity (RQ) –

Acetone (CAS No. 98-86-2) 5,000 lbs. (approx. 4000 gallons of product)

RCRA Code

U004

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the State of California to cause cancer or other reproductive harm.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 1.0

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