

Safety Data Sheet

1. Product and Company Identification

Product Name: EcoBird 4.0® by Roth Chemical Company, Ltd.

(913) 663-9920-Ph. ▪ (913) 663-1278-fax

Description & Recommended Use: Bird Repellent

EPA Reg. # 86583-4

Company Identification: Roth Chemical Company, Ltd., 6600 College Blvd., Suite 220, Overland Park, Kansas 66211.

EcoBird 4.0® is used with mechanical fogging equipment, which should be directed toward birds, and used at a reasonable distance from structures or objects, to allow for complete dissipation of this product. Consultation of the equipment manufacturers' Owners' Manual is always required, when using EcoBird 4.0®.

- For emergency medical treatment information, at **1-800-222-1222**.

2. Hazard Identification



HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Warning: Skin Irritant, if absorbed through skin. Avoid prolonged contact with skin, eyes or clothing. H317: May cause an allergic skin reaction.

ENVIRONMENTAL HAZARDS: Warning: For tellurian use only, 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 contaminate water when disposing of product, equipment wastewaters and/or rinsates. H402: Harmful to aquatic life.

INHALATION HAZARDS: Warning: Inhalation of mist or vapor may be harmful & cause internal irritation. Avoid prolonged inhalation exposures. H335: May cause respiratory irritation.

INGESTION HAZARDS: Warning: Ingestion may be harmful & cause stomach irritation. Avoid ingestion. H303: May be harmful if swallowed.

3. Composition / Information on Ingredients

| <u>Ingredient</u> | <u>Chemical Name</u> | <u>Chemical Formula</u> | <u>CAS Number</u> | <u>Composition</u> |
|---------------------|------------------------|---|-------------------|--------------------|
| Methyl Anthranilate | Methyl 2-aminobenzoate | C ₈ H ₉ NO ₂ | 134-20-3 | 40.0 % |

EcoBird 4.0® is a proprietary product license & sold by Roth Chemical Company, Ltd.

4. First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the US, you may contact a poison control center (PCC) or poison information center (PIC) for emergency medical treatment information, at **1-800-222-1222**.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Immediately give two glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

5. Fire Fighting Measures

Flash point (TCC): > 248°F

Flammable Limits (LFL-UFL): N/A

Fire and Explosion Hazards: When exposed to extreme heat, dosed containers may explode due to pressure buildup.

Means of Extinction: Foam, dry chemical, or CO₂.

Fire Fighting Instructions: Use means appropriate to extinguish surrounding fire. Water may be used to cool closed containers. Dike and collect any runoff to prevent entry to drains or water bodies.

Firefighting Equipment: Self-contained breathing apparatus and full bunker gear.

Hazardous Combustion Products: Thermal decomposition may result in noxious fumes and gasses including oxides of carbon and nitrogen, acetic acid, and / or other toxic compounds.

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

6. Accidental Release Measures

Clean up spills immediately observing the precautions in Section 8 of this MSDS. Control spill at the source and dike spill to prevent material from entering soil, sewers, waterways or low areas. Allow spill to dry or cover entire spill with absorbing material and place into proper disposal containers. Once all material is cleaned up and placed in disposal containers, seal the containers and arrange for proper disposition.

7. Handling and Storage

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Protect from freezing. Store only in original container and keep container dosed when not in use. Keep out of reach of children, pets and domestic animals. Do not store with pesticides, fertilizers, food or feed that may cause odor cross-contamination.

8. Exposure Controls / Personal Protection

Engineering Controls: No special requirements.

Protective Clothing: Applicators and other handlers must wear long-sleeved shirt and long pants, along with waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. Keep and wash PPE separately from other laundry.

General: Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Follow manufacturer's instruction for cleaning and 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: Clearish Purple/Blue Liquid

Odor: Grape-like odor

pH: 6.0-6.6

Density: 8.16 lbs. gallon

Solubility: Insoluble in water

10. Stability and Reactivity

CONDITIONS TO AVOID: Extreme temperatures and high humidity.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may result in noxious fumes and gasses including oxides of carbon and nitrogen, acetic acid, and *I* or other toxic compounds.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents.

POLYMERIZATION: Will not occur.

11. Toxicological Information

ACUTE ORAL TOXICITY

Oral LD₅₀ (Rat): > 5,000 mg/kg

ACUTE DERMAL TOXICITY

Dermal LD₅₀ (Rat): > 2,000 mg/kg

ACUTE INHALATION TOXICITY

Inhalation LC₅₀ (Rat): > 2.8 mg/L (four hour)

EYE IRRITANT

Can cause mild but temporary eye irritation

SKIN IRRITATION

Prolonged or repeated contact may result in **skin** irritation

SENSITIZATION

Not a contact sensitizer

CARCINOGENICITY:

ACGIH: Not listed **IARC:** Not listed - **NTP:** Not listed

OSHA: Not listed

MUTAGENIC DATA: No evidence of mutagenic effects during *in viva* and *in vitro* assays.

ADDITIONAL DATA: Not known to cause reproductive or birth defects at normal exposure levels.

12. Ecological Information

For tellurian use only, 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 contaminate water when disposing of product, equipment wastewaters and/or rinsates.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: Product or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures. Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse container(s). Container is made of recyclable plastic. Container should first be considered for recycling or reconditioning. If recycling services are not available, remove top cap and dispose in a sanitary landfill, or by other methods, approved by State and local authorities.

14. Transportation

DOT Proper Shipping Name: Not regulated by DOT

Marine Pollutant Status: Not a Marine Pollutant

15. Regulatory Information

FIFRA— All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

SARA Title III — Section **302** Extremely Hazardous Substances
Not Listed

SARA Title III — Section **311/312** Hazard Categories
Immediate

SARA Title III — Section 312 Threshold Planning Quantity
N/A

SARA Title III — Section **313** Reportable Ingredients
None

CERCLA -
N/A

CALIFORNIA PROP 65 STATUS — This product does not contain any chemicals known to the state of California to cause cancer or reproductive toxicity.

16. Other Information

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

DISCLAIMER:

The statements on this label are believed to be true and accurate; however, some conditions may be beyond our control. Roth Chemical Company, Ltd., and Eaton Chemical, Incorporated does not make, nor authorizes any agent or representative to make any oral, or written warranty, guarantee, or representation, express or implied, concerning this material or the use thereof beyond the statements of the label. Roth Chemical Company, Ltd., and Custom Blending of St. Louis, Inc. as well as any authorized seller disclaim liability for, and expect the buyer to assume all risk for any claim or personnel injury or property damage or loss resulting from handling, storage, or use of this material not in accordance with the written directions. No other warranty exists.

Effective Date: June 1, 2016