

# Material Safety Data Sheet

**Product Name:** Avigon® 14.5 Canada Goose Repellent for Turf  
**Registration Number:** 26452

## Section I – Manufacturer Identification

**Manufactured For:** Engage Agro Corp. **Address:** 1030 Gordon St., Guelph ON, N1G 4X5  
**Emergency Phone:** (866) 336-2983 **Information Phone:** (519) 826-7878  
**Prepared By:** Emily Falls **Date Revised:** June 24, 2009

## Section II – Hazardous Ingredients/SARA III Information

Hazardous Components	Occupational Exposure Limits			
Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Methyl Anthranilate	134-20-3	Not assigned	Not assigned	14.5
Others		Not assigned	Not assigned	85.5

\*\*\*No reportable quantities of hazardous ingredients are present per OSHA 29 CFR 1910.1200\*\*\*

\*\*\*No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present\*\*\*

## Section III - Physical/Chemical Characteristics

**Boiling Point:** 212°F **Freezing Point:** 32°F (water)  
**Vapor Density:** NA **Solubility in Water:** Miscible with water in any ratio  
**Density:** 1.02 g/ml **Evaporation Rate:** Slower than ether  
**Weight per gal** 8.5 ± 0.1 lbs/gal. **Appearance and Odor:** Gray to blue aqueous slurry, grape-like odor.

## Section IV - Fire and Explosion Hazard Data

**Flash Point:** NA **Method Used:** NA  
**Flammable Limits in Air by Volume:** NA **Lower:** NA **Upper:** NA  
**Extinguishing Media:** Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog  
**Fire Fighting Precautions & Hazards:** Fire fighters should wear butyl rubber boots, gloves, and body suit and a NIOSH/MSHA self-contained breathing apparatus. Water may be used to cool closed containers to prevent pressure build-up and/or explosion when exposed to extreme heat.  
**Unusual Fire and Explosion Hazards:** Not a fire or explosion hazard when stored under normal conditions. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

## Section V – Reactivity Data

**Stability:** Stable  
**Conditions to Avoid:** Extremes in temperature. High humidity.  
**Incompatibility (Materials to Avoid):** Oxidizing agents.  
**Hazardous Decomposition Products:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, acetic acid, or other toxic compounds depending on the chemical composition and combustion conditions. However, all of the water must be driven off first for this to occur.  
**Hazardous Polymerization:** Will not occur.

## Section VI - Health Hazard Data

**Inhalation Health Risks and Symptoms of Exposure:** Prolonged inhalation may lead to respiratory tract irritation.  
**Skin and Eye Contact Health Risks and Symptoms of Exposure:** Prolonged or repeated contact may result in mechanical irritation.  
**Skin Absorption Health risks and Symptoms of Exposure:** None expected.  
**Ingestion Health Risks and Symptoms of Exposure:** Ingestion of large quantities may be harmful.  
**Health Hazards (acute and chronic):** None known. The materials in this product are designated by the U.S. Food & Drug Administration as Generally Recognized As Safe (GRAS, 21 CFR 182.60) for unlimited use as human food/fragrance additives.

**Carcinogenicity**    **NTP?**    No    **IARC Monographs?**    No

### Section VI - Health Hazard Data (Continued)

**Existing Medical Conditions Generally Aggravated By Exposure:**    May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

**Emergency and First Aid Procedures:**

**Eyes:**    Flush with flowing water for at least 15 minutes. Call a physician.

**Skin:**    Wash affected area with soap and water. If irritation develops consult a physician. Remove and launder contaminated clothing before reuse.

**Inhalation:**    If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

**Ingestion:**    Get immediate medical attention. Unless advised otherwise, dilute with water and induce vomiting.

### Section VII – Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:**    Contain the spill to prevent a large discharge to surface streams or storm sewers. Since landfill operations will not accept liquid waste, allow to dry if possible before collecting for disposal. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers.

**Waste Disposal Method:**    Do not reuse plastic jugs. Dispose of empty jugs in accordance with local regulations. Consult provincial environment ministry for advice on waste disposal. Industrial/commercial waste may be handled at licensed facilities only. Waste shipments must be securely packed and properly labeled. Only licensed carriers may be used, and proper documents must accompany the shipment.

**Precautions to be Taken in Handling and Storing:**    Store only in original container, in a dry place inaccessible to children, pets, and domestic animals. Store apart from pesticides, fertilizers, food, or feed that may cause cross-contamination from odor.

**Other Precautions:**    Avoid excessive exposure. Do not take internally. Keep from freezing. Keep container closed when not in use.

### Section VIII - Control Measures

**Respiratory:**    If excessive vapors or mists are generated, wear NIOSH/MSHA approved organic vapor/mist respirator.

**Ventilation:**    Use local exhaust to control excessive vapors/mists. If applicable, proper personal protection is a NIOSH/MSHA approved respirator.

**Clothing:**    Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.

**Eye:**    Chemical goggles; wear face shield if splashing hazard exists.

**Other:**    Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.

### Section IX - Shipping and Labeling Information

**D.O.T. Shipping Data:**    Not regulated.

**D.O.T. Hazard Classification**    NA

**D.O.T. Labels Required:**    NA

**D.O.T. Identification**    NA

### Section X - Disclaimer

The information and recommendations contained herein are based on information believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided herein.

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