

## Material Safety Data Sheet

### PRODUCT IDENTITY

Agralawn Crabgrass Control

#### Section I

Manufacturer's Name:	Emergency Telephone Number:
Agralawn Inc.	863-670-9032
Address	Telephone Number for Information
P.O. Box 628	863-667-3100
Lakeland, FL 33802	Date Prepared: 3-11-03
In case of emergency call:	
Chemtrec 1-800-527-3887	

#### Section II - Hazard Ingredients/Identify Information

The specific chemical identities of the ingredients of this mixture are considered by Agralawn Inc. to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Code of Federal Regulations.

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL Limits Recommended	ACGIH TLV	Other
Sodium Hydrogen Carbonate NaHCO <sub>3</sub>			
Not Established	Not Established	N/A	
Cinnamon Bark	N/A	N/A	N/A

#### Section III - Physical/Chemical Characteristics

Boiling Point N/A	Specific Gravity (H <sub>2</sub> ) =1) N/A
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density (AIR=1) N/A	Evaporation Rate N/A (Butyl Acetate=1)

Solubility in Water: Insoluble  
Appearance and Odor: Pale yellow to light brown, slight acceptable odor.

#### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A Flammable Limits N/A LEL N/A UEL N/A  
Extinguishing Media: Carbon Dioxide Dry Chemical; Universal-Type Foam  
Special Fire Fighting Procedures: None known to Agralawn Inc.  
Unusual Fire and Explosion Hazards: None known to Agralawn Inc.

#### Section V - Reactivity Data

Stable: YES  
Incompatibility (Materials to Avoid)  
Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.  
Hazardous Decomposition or Byproducts:  
Carbon Dioxide and Carbon Monoxide  
Hazardous Polymerization: Will Not Occur

#### Section VI - Health Hazard Data

##### Route(s) of Entry:

Eye:  
Inhalation:  
Skin:  
Ingestion:

**NOTE:** The above effects are based on evaluation of individual components and the relevancy to the mixture as a whole or to humans is unknown.

##### Health Hazards (Acute and Chronic)

This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.

##### Carcinogenicity:

NTP? NO IARC Monographs? NO OSHA Regulated? NO

##### Signs and Symptoms of Exposure:

Acute Health Effects - Irritating to the skin and eyes on contact.  
Inhalation will cause irritation to the lungs and mucous membrane.  
Irritation to the eyes will cause watering and redness.  
Reddening, scaling and itching are characteristics of skin inflammation.  
Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

**Medical Conditions Generally Aggravated by Exposure:** See Health Hazards.

**Emergency and First Aid Procedures:**

**Eye Contact:** Flush immediately with clean water for at least 15 minutes. Contact a physician immediately.

**Skin Contact:** Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician immediately.

**Inhalation:** Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.

**Ingestion:** Wash out mouth with water and give water to dilute, provided person is conscious. Contact a physician immediately.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled:  
Contain spill and recover free product.  
Use recovered material as indicated on product label.

**NOTE:** Empty containers can have residues and are subject to proper waste disposal.

**Waste Disposal Method:** See Steps to Be Taken in Case Material is Released or Spilled.

**Precautions to BE Taken in Handling and Storing:** Store in a dry location. Keep unused portions of product tightly sealed.

Other Precautions: N/A

**Section VIII - Control Measures**

**Respiratory Protection (Specify Type)**

None generally required. Use NIOSH approved respirator in confined area.

**Ventilation:** N/A **Local Exhaust:** N/A **Special:** N/A

**Mechanical (General)** N/A Other N/A

**Protective Gloves:** recommended

**Eye Protection:** recommended

**Other Protective Clothing or Equipment:** Long sleeve shirt and long pants provide extra protection from skin exposure.

**Work/Hygienic Practices:** Wash hands after handling or application of product. Recommend showering as soon as convenient.

**DISCLAIMER:** The information contained on the Material Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, however, it must be pointed out that values for certain properties are known to vary from source to source. Agralawn Inc. expressly disclaims any warranty expressed or implied as well as any liability for the injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for safe handling of this product for his/her application. This data relates only to the specific material designated and not to be used in combination with any other material. Many federal and state regulations pertain directly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.