



MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ORTHO® Weed-B-Gon® Crabgrass Killer for Lawns (Ready-To-Use)
Description: Herbicide

Company
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

24-HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC (U.S.): 1-800-424-9300
CHEMTREC (International): 1-703-527-3887
Non-Emergency Calls: 1-937-644-0011

EPA Registration No.: 239-2572
Formula No.: S5584

2. HAZARDS IDENTIFICATION

Labelling

Signal word: CAUTION.

Precautionary Statement

Avoid contact with eyes, skin, and clothing. Avoid breathing spray mist or vapors. Wear long-sleeved shirt and long legged pants when applying. Rubber gloves. Boots. Do not feed livestock treated forage.

Potential health effects

Eye contact: May cause slight irritation.
Skin contact: Non-irritating to the skin.
Ingestion: Considered practically non-toxic.
Inhalation: Considered practically nontoxic.

Aggravated Medical Conditions: Inhalation may aggravate asthma.
Principle routes of exposure: Skin, Inhalation, Eyes
Target organ effects: Irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Calcium Acid Methanearsonate	5902-95-4	0.5
Inert Ingredients	PROPRIETARY	99.5

4. FIRST AID MEASURES

Eye contact: Hold eye open and rins 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

Skin contact: 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

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

5. FIRE-FIGHTING MEASURES

Flammable properties: Will not burn under fire conditions.
Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam.
Explosion potential: None.
Hazardous combustion products: Combustion can produce toxic fumes and irritating gases.
Fire fighting procedures: Select appropriate method to surround and extinguish fire
Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective equipment
Environmental precautions: Prevent product from entering drains
Methods for containment: Control spill with dykes and absorb with inert absorbant material
Methods for cleaning up: Detergent and water.

7. HANDLING AND STORAGE

Handling: Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Wear chemical resistant gloves, long pants, and long-sleeved shirt when applying.

Storage: Store in original container in a safe place. Protect from freezing. Do not put concentrate or dilute into food or drink containers. Keep out of reach of children and domestic animals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH:	OSHA:
Calcium Acid Methanearsonate	Not Listed	0.5 mg/m ³ TWA as As

Engineering controls Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

Personal Protective Equipment

Eye/face protection: Safety glasses
Skin and body protection: Wear suitable protective clothing if contact is anticipated during manufacturing.
Respiratory protection: If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection (e.g. NIOSH/MSHA approved respirator for dusts, mists, and fumes)

General hygiene considerations: Wash hands before breaks and immediately after handling the product.
Re-entry Interval: After rainfall or when normal irrigation is resumed 2 days after treatment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Color: Colourless
Odor: No detectable odor	pH: 4.0 - 5.0
Specific gravity: 0.999	Density: 8.322 lbs/gal
Viscosity: 5.0 cps (Brookfield)	Flash point: Not applicable

10. STABILITY AND REACTIVITY

Chemically Stable: Yes
Conditions to avoid: Extreme heat
Materials to avoid: None known
Hazardous decomposition products: Toxic metal oxides may be produced.
Possibility of hazardous reactions: Poses little or no immediate hazard.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/oral: >5.0 g/kg, rat
LD50/dermal: >5.0 g/kg, rabbit
LC50/inhalation: >8.5 mg/m³, (vapor)
Eye effects: Mild eye irritation, rabbit
Skin effects: Slight irritation

Chronic toxicity

Carcinogenic effects: The table below indicates whether each agency has listed any indgredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Calcium Acid Methanearsonate	Not listed	Not listed	Not listed

Ingestion: Ingestion may cause irritation to mucous membranes.
Inhalation: Inhalation of vapors in high concentration may cause irritation of respiratory system.
Target organ effects: Irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available
Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: Water contaminating
Additional ecological information: Do not contaminate water by cleaning of equipment or disposal of wastes.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.
Contaminated packaging: Do not reuse container. Place in trash or offer for recycling if available.

14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

DOT
Proper shipping name: Not regulated

15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Calcium Acid Methanearsonate	5902-95-4	Not Listed	Not Listed

General Information Contact local authorities for disposal of large quantities of product

16. OTHER INFORMATION

NFPA: Health: 1 Flammability: 0 Reactivity: 0
HMIS: Health: 1 Flammability: 0 Reactivity: 0

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

EPA FIFRA Comment: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

General comment: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

Revision date: 27-Apr-2005

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