



Product: MSMA CRABGRASS KILLER<sub>2</sub>  
 EPA Reg. No.: 869-243  
 Effective Date: 08/01/2005

**MATERIAL SAFETY DATA SHEET**  
 Emergency Phone 800/535-5053

Size	Product Number	UPC Code
Pint	07416	0 49424 07416 7
Quart	07432	0 49424 07432 7

**Note:** Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. **INGREDIENTS:**  
 Monosodium methanearsonate 47.6% CAS No. 2163-80-6
  
2. **PHYSICAL DATA:**  
 BOILING POINT: 107°C - 109°C  
 VAPOR PRESSURE: 16 mm Hg @ 20°C  
 SOL. IN WATER: Miscible  
 SPECIFIC GRAVITY: 1.480 - 1.520  
 APPEARANCE: Clear, colorless to light green solution
  
3. **FIRE AND EXPLOSION HAZARD DATA:**  
 FLASH POINT: Non-flammable
  
4. **REACTIVITY DATA:**  
 STABILITY: Stable  
 INCOMPATIBILITY (Specific materials to avoid): Avoid strong reducing agents such as aluminum, zinc, sodium borohydride, sulfur dioxide. Heavy metal salts may precipitate compound. Reducing agents may release arsine gas.
  
5. **ENVIRONMENTAL AND DISPOSAL INFORMATION:**  
 ACTION TO TAKE FOR SPILLS/LEAKS: If a large leak occurs, enclose leaker in larger drum (or transfer leaker to a new drum) and return to manufacturer. If a small spill, absorb on vermiculite or diatomaceous earth.  
 DISPOSAL METHOD: Dispose of in an EPA approved landfill. Small amounts may be buried in clay type soil away from water supplies.
  
6. **HEALTH HAZARD DATA:**  
 INGESTION: Oral LD50 rats: 1,540 mg/kg.  
 INHALATION: Burning of throat, garlicky odor of breath and/or skin.  
 SYSTEMIC & OTHER EFFECTS: Colicky stomach pains.
  
7. **FIRST AID:**  
 EYES: Flush with large amounts of water for 15 minutes.  
 SKIN: Wash copiously with water for 15 minutes.  
 INGESTION: Induce vomiting. Call a physician immediately.
  
8. **HANDLING PRECAUTIONS:**  
 RESPIRATORY PROTECTION: None needed except for spray applicators.  
 SKIN PROTECTION: Rubber or neoprene gloves, rubber apron.  
 EYE PROTECTION: Goggles or face shield.



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**9. ADDITIONAL INFORMATION:**

**SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep out of reach of children. Use ordinary precautions taken with herbicides.

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