

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**  
**Bonide MSMA Crabgrass Killer**

**ID # 19713424**  
Date: March 10, 2008

**Section I**

Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

(800) 424-9300  
(315) 736-8231

**Section II - Hazardous Ingredients/Identity**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH	TLV	Other Limits	% (Optional)
Monosodiun Methane Arsonate CAS#2163-80-6					48.3

**Section III - Fire/Explosion Hazard Data**

**FIRE FIGHTING COMMENTS:** Wear self contained breathing apparatus in confined areas. Stay upwind. Dry chemical CO2. Water or foam should be discouraged to prevent spreading of material.

**FLASH POINT:** Combustible

**FLAMMABILITY:** May burn upon exposure to flame.

**UNUSUAL FIRE/EXPLOSION HAZARD:** None

**Section IV - Spill or Leak Procedures**

**PRECAUTIONS:**Mop up spills on hard surfaces and transfer to original container. Keep children and animals from spill area until decontaminated. Assure protective clothing is worn. **DISPOSAL:** Dispose of in accordance with Local, Federal and State regulations.

**Section V - Storage and Handling**

**STORAGE:** Store unused material in original, closed container only, in a locked storage area out of reach of children and animals. Do not contaminate water, food or feed by storage or disposal.

**HANDLING PRECAUTIONS:** Wear protective clothing when handling or applying this product including long pants, long sleeve shirt, and impermeable gloves and boots. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or spray mist. **CONTAINER DISPOSAL:** Do not reuse empty container. Wrap in several layers of newspaper and discard in trash.

**Section VI - Health Hazard Data**

**PRECAUTIONS:**Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapors or spray mist.

**FIRST AID:** IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Seek medical attention. In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention. Wash exposed skin gently with plenty of soap and water.

**KEEP OUT OF REACH OF CHILDREN**

**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE  
TLV: THRESHOLD LIMIT VALUE  
STEL: SHORT TERM EXPOSURE LIMIT

N/E: NOT ESTABLISHED  
TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY  
D.O.T.: DEPARTMENT OF TRANSPORTATION

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