



**Material Safety Data Sheet**

**BAYER ADVANCED SOUTHERN WEED KILLER FOR LAWNS READY-TO-USE**

MSDS Number: 102000012301  
 MSDS Version 2.0  
 Revision Date: 08/02/2005

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Product Name** BAYER ADVANCED SOUTHERN WEED KILLER FOR LAWNS READY-TO-USE  
**MSDS Number** 102000012301  
**EPA Registration No.** 72155-2  
**Product Use** For use on lawns to kill Broadleaf weeds such as Dollarweed, Spurge, Oxalis, Chickweeds, Clovers and Dandelion.

Bayer Environmental Science  
 2 T.W. Alexander Drive  
 Research Triangle PK, NC 27709  
 USA

For MEDICAL, TRANSPORTATION or other EMERGENCY call 1-800-334-7577 (24 hours/day)  
 For Product Information call 1-800-331-2867

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
2,4-D, dimethylamine salt	2008-39-1	0.311
Mecoprop-P-dimethylamine salt	66423-09-4	0.075
Dicamba, dimethylamine salt	2300-66-5	0.034

**SECTION 3. HAZARDS IDENTIFICATION**

*NOTE: Please refer to Section 11 for detailed toxicological information.*

**Emergency Overview** Caution! Harmful if swallowed. Avoid contact with skin, eyes and clothing.

**Physical State** liquid

**Appearance** reddish

**Routes of Exposure** Inhalation, Skin contact, Eye contact, Ingestion

**Immediate Effects**

**Eye** May cause mild irritation to eyes. Avoid contact with eyes.

**Skin** May cause mild irritation to the skin. Avoid contact with skin and clothing.



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**Ingestion** Harmful if swallowed. Do not take internally. May cause irritation.  
**Inhalation** May cause respiratory tract irritation. Avoid breathing spray mist.

**SECTION 4. FIRST AID MEASURES**

**General** Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Eye** Hold eye open and rinse 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** Take off all contaminated clothing immediately. Rinse immediately with plenty of water for at least 15 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 directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

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

**Notes to Physician Treatment** There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

**SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point** not applicable

**Fire and Explosion Hazards** In case of fire the evolution of dangerous gases is possible.

**Suitable Extinguishing Media** foam, dry chemical, water, carbon dioxide (CO2)

**Fire Fighting Instructions** Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Dike area to prevent runoff and contamination of water sources. Equipment or materials involved in pesticide fires may become contaminated.

Wear self-contained breathing apparatus and protective suit.



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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal Precautions** Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.
- Methods for Cleaning Up** Take up with absorbent material (e.g. sand, earth or a proprietary absorbent material). Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.
- Additional Advice** Use personal protective equipment. Do not allow material to enter streams, sewers, or other waterways or contact vegetation.

**SECTION 7. HANDLING AND STORAGE**

- Storing Procedures** Store in a cool, dry secured storage area. Store in original container and out of the reach of children, preferably in a locked storage area. Do not freeze.
- Min/Max Storage Temperatures** Do not transport or store below 0 °C / 32 °F

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- General Protection** There are no known hazards associated with this product when used according to the label directions. At the same time, the following guidelines should be used.
- Avoid inhalation of vapour or mist. Avoid contact with skin and eyes.
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Do not allow children and pets to enter the treated area until it has dried.
- Hand Protection** rubber gloves
- Body Protection** Wear long-sleeved shirt and long pants and shoes plus socks.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance** reddish
- Physical State** liquid





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**SECTION 13. DISPOSAL CONSIDERATIONS**

**General Disposal Guidance** It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow any applicable state or local guidelines. Never place unused product down any indoor or outdoor drain.

**Container Disposal** Do not re-use empty containers. Place empty container in trash.

**RCRA Classification:** The RCRA Classifications may be on the individual component(s) and not necessarily on the product as a whole.

2008-39-1 2,4-D, dimethylamine salt  
US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261): U240

2008-39-1 2,4-D, dimethylamine salt  
US. EPA Resource Conservation and Recovery Act (RCRA) U List of Hazardous Wastes (40 CFR 261.33(f) and 40 CFR 302 [CERCLA]): U240

**SECTION 14. TRANSPORT INFORMATION**

**TRANSPORTATION CLASSIFICATION:**  
Not regulated for shipment by any mode of transportation

**FREIGHT CLASSIFICATION:**  
Compounds, Tree or Weedkilling, N.O.I., other than poison; Having a density of greater than 20 LBS. per cubic foot

**SECTION 15. REGULATORY INFORMATION**

**EPA Registration No.** 72155-2

**US Federal Regulations**

**TSCA list**

None.

**US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)**

None.

**SARA Title III - Section 302 - Notification and Information**

None.

**SARA Title III - Section 313 - Toxic Chemical Release Reporting**

None.

**US States Regulatory Reporting**

**CA Prop65**

This product does not contain any substances known to the State of California to cause cancer.

