



**Material Safety Data Sheet**

**BAYER ADVANCED NATRIA LAWN WEED CONTROL CONCENTRATE**

MSDS Number: 102000024890

MSDS Version 1.0

Revision Date: 07/27/2010

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

**Product name** BAYER ADVANCED NATRIA LAWN WEED CONTROL CONCENTRATE  
**MSDS Number** 102000024890  
**EPA Registration No.** 67702-26-72155

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. HAZARDS IDENTIFICATION**

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

**Emergency Overview** Caution! Causes eye irritation. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

**Physical State** clear liquid  
**Odor** slightly ammonia-like  
**Appearance** dark red  
**Exposure routes** Skin contact, Eye contact, Ingestion, Inhalation  
**Immediate Effects**  
**Eye** Causes eye irritation. Avoid contact with eyes.  
**Skin** May cause skin irritation. Avoid contact with skin and clothing.  
**Ingestion** Do not take internally.  
**Inhalation** May cause irritation. Avoid breathing spray mist.



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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Sodium nitrate	7631-99-4	20.00
Nitrilo triacetic acid, trisodium salt		0.65

**SECTION 4. FIRST AID MEASURES**

<b>General</b>	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
<b>Eye</b>	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 physician or poison control center immediately.
<b>Skin</b>	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. 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.
<b>Inhalation</b>	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 physician or poison control center immediately.
<b>Notes to physician Treatment</b>	Treat symptomatically. There is no specific antidote.

**SECTION 5. FIRE FIGHTING MEASURES**

<b>Flash point</b>	Not combustible.
<b>Suitable extinguishing media</b>	Water, Carbon dioxide (CO2), Foam
<b>Fire Fighting Instructions</b>	Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.  Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.



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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**      Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.
  
- Additional advice**              Use personal protective equipment.

**SECTION 7. HANDLING AND STORAGE**

- Handling procedures**          Ensure adequate ventilation. Handle and open container in a manner as to prevent spillage.  
  
Keep away from heat and sources of ignition.
  
- Storing Procedures**            Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Store in a place accessible by authorized persons only. Keep out of reach of children and animals.
  
- Work/Hygienic Procedures**      Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.  
  
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

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

- General Protection**            Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.  
  
Follow all label instructions. Train employees in safe use of the product.
  
- Eye/Face Protection**          Tightly fitting safety goggles
  
- Hand protection**              Impervious gloves
  
- Body Protection**                Wear long-sleeved shirt and long pants and shoes plus socks.



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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	dark red
<b>Physical State</b>	clear liquid
<b>Odor</b>	slightly ammonia-like
<b>pH</b>	5.0 - 8.0
<b>Density</b>	1.39 g/cm <sup>3</sup> at 25 °C

**SECTION 10. STABILITY AND REACTIVITY**

<b>Conditions to avoid</b>	Elevated temperatures
<b>Incompatibility</b>	Aluminium Zinc Carbon steel
<b>Hazardous Decomposition Products</b>	ammonia nitrogen oxides (NOx)
<b>Hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability</b>	Stable under normal conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity**      rat: LD50: > 2,000 mg/kg

**Assessment Carcinogenicity**

- ACGIH**  
None.
- NTP**  
None.
- IARC**  
None.
- OSHA**  
None.

**SECTION 12. ECOLOGICAL INFORMATION**



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**Environmental precautions** Do not allow to get into surface water, drains and ground water. Drift or runoff from treated areas may adversely affect non-target plants. Apply this product as specified on the label.

**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 container label instructions and applicable 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. Follow advice on product label and/or leaflet.

**RCRA Information** Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

**SECTION 14. TRANSPORT INFORMATION**

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

**SECTION 15. REGULATORY INFORMATION**

**EPA Registration No.** 67702-26-72155

**US Federal Regulations**

**TSCA list**

Sodium nitrate 7631-99-4

**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.

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



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**US State Right-To-Know Ingredients**

Sodium nitrate 7631-99-4 CT, RI

**Canadian Regulations**

**Canadian Domestic Substance List**

Sodium nitrate 7631-99-4

**Environmental**

**CERCLA**

None.

**Clean Water Section 307 Priority Pollutants**

None.

**Safe Drinking Water Act Maximum Contaminant Levels**

None.

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**SECTION 16. OTHER INFORMATION**

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NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 0 Reactivity - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 0 Physical Hazard - PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: New Material Safety Data Sheet.

Revision Date: 07/27/2010

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