Material Safety Data Sheet
and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name: Enforcer Next Day Grass & Weed Killer Concentrate

Product Code: ENDC32

Date of issue: 07/26/04

Supersedes: This product is a registered pesticide. Number: 40849-59

Emergency Telephone Numbers
For MSDS Information:
Compliance Services (404) 352-1680

For a Medical Emergency:
INFOTRAC (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
CHEMTREC (800) 424-9300 (Toll Free - Calls Recorded)

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Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients | CAS # | % by Weight | Exposure Limits
--- | --- | --- | ---
Diquat Dibromide; 1,1-Ethylene-2,2-bipyridinium dibromide | 85-00-7 | 2.38 | ACGIH TLV (United States).

TWA: 0.5 mg/m³ 8 hour(s).
STEL: 1 mg/m³ 15 minute(s).

Section 3. Hazards Identification

Acute Effects
Skin: Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness.
Prolonged or repeated contact may dry skin and cause irritation.

Eye: Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation: Inhalation not likely under normal use conditions.

Ingestion: Harmful if swallowed. Can cause gastrointestinal disturbances.

Routes of Entry
Dermal contact. Eye contact.

Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness.
Prolonged or repeated contact may dry skin and cause irritation.

Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation: Inhalation not likely under normal use conditions.

Ingestion: Harmful if swallowed. Can cause gastrointestinal disturbances.

Carcinogenic Effects: Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects: Repeated or prolonged exposure is not known to aggravate medical condition.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point: Not applicable.
Flammability: Non-flammable.
Fire Hazard: Not applicable.

Fire-Fighting Procedures: Use an extinguishing agent suitable for surrounding fires. Do not release runoff from fire to sewers or waterways.
Section 6. Accidental Release Measures

Spill  Clean up  Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling  Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Do not reuse container. Observe label precautions.


Section 8. Exposure Controls, Personal Protection

<table>
<thead>
<tr>
<th>Personal Protection</th>
<th>Protective Clothing (Pictograms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>Safety glasses.</td>
</tr>
<tr>
<td>Body</td>
<td>Gloves: Protective gloves should be worn under normal conditions of use.</td>
</tr>
<tr>
<td>Respiratory</td>
<td>Avoid breathing vapors or spray mists. A respirator is not needed under normal and intended conditions of product use.</td>
</tr>
</tbody>
</table>

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid.</th>
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<tbody>
<tr>
<td>pH</td>
<td>5.0 - 6.0</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1 (Water = 1)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Easily soluble in cold water, hot water.</td>
</tr>
<tr>
<td>Color</td>
<td>Brown.</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless. (Slight.)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>1 compared to Butyl acetate.</td>
</tr>
<tr>
<td>VOC (Consumer)</td>
<td>0 (g/l).</td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability and Reactivity  The product is stable.
Incompatibility  Slightly reactive to reactive with metals, alkalis.
Hazardous Polymerization  Will not occur.
Hazardous Decomposition  carbon oxides (CO, CO₂)
Products

Section 11. Toxicological Information

Toxicity to Animals  Toxic to aquatic organisms.

Section 12. Ecological Information

Ecotoxicity  Not available.
Biodegradable/OECD  Not available.

Section 13. Disposal Considerations

Waste Information  Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream  Non-regulated waste
Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name  None.
DOT Classification  Not a DOT controlled material (United States).
UN number  Not regulated.
TDG Classification  Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations  SARA 313 toxic chemical notification and release reporting:
No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

State Regulations  California prop. 65: No products were found.

WHMIS (Canada)  Not controlled under WHMIS (Canada).
Section 16. Other Information
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.