Section 1. Chemical Product and Company Identification

Product name: Deck & Fence Cleaner Concentrate
Product code: ZUDFW
Date of issue: 01/08/08

Supersedes

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

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

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

DANGER
CAUSES EYE AND SKIN BURNS.
HARMFUL IF SWALLOWED.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry
Eye contact. Skin contact. Inhalation. Ingestion.

Eyes
Causes eye burns. Direct contact with the eyes can cause irreversible damage, including blindness.

Skin
Prolonged contact can cause severe irritation or even burns. The amount of tissue damage depends on length of contact.

Inhalation
Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.

Ingestion
Harmful if swallowed. Large doses may cause heartbeat irregularity (arrhythmia).

Chronic effects
Repeated or prolonged exposure to the substance can produce damage to kidneys and central nervous system. Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms, such as redness, blistering, dermatitis etc.

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

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS number</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXALIC ACID, DIHYDRATE; Ethanedioic Acid</td>
<td>6153-56-6</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Chemical burns must be treated promptly by a physician. Get medical attention.

Inhalation
Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If irritation persists, get medical attention.

Ingestion
Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.
**Section 5. Fire Fighting Measures**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>None.</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-combustible.</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No specific hazard.</td>
</tr>
<tr>
<td>Fire-Fighting Procedures</td>
<td>Use an extinguishing agent suitable for the surrounding fire. Fire-fighters should wear appropriate protective equipment.</td>
</tr>
</tbody>
</table>

**National Fire Protection Association (U.S.A.)**

3

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**Section 6. Accidental Release Measures**

**Spill Clean up**

Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Section 7. Handling and Storage**

**Handling**

Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Storage**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection**

**Product name**

OXALIC ACID, DIHYDRATE; Ethanedioic Acid

**Exposure limits**

ACGIH TLV (United States).

TWA: 1 mg/m³ 8 hour(s).

**Personal Protective Equipment (PPE)**

**Eyes**

Splash goggles.

**Body**

Wear appropriate protective clothing to prevent skin contact. Rubber gloves. Boots, Chemical resistant.

**Respiratory**

Use with adequate ventilation. Avoid breathing vapors, spray or mists. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

**Physical State**

Liquid.

**pH**

1.0 - 2.0

**Boiling Point**

100°C (212°F)

**Specific Gravity**

1.02

**Solubility**

Soluble in water in any proportion.

**Color**

Light Blue / Green.

**Odor**

Mild.

**Vapor Pressure**

Not determined.

**Vapor Density**

Not determined.

**Evaporation Rate**

Not determined.

**VOC (Consumer)**

0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity**

The product is stable.

**Incompatibility**

Reactive or incompatible with the following materials: oxidizing materials, alkalis.

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Carbon oxides (CO, CO₂), Formic acid.

**Section 11. Toxicological Information**

**Acute Toxicity**

**Product/ingredient name**

Oxalic Acid, Dihydrate

**Result**

LD50 Dermal

LD50 Oral

**Species**

Rabbit

Rat

**Dose**

20000 mg/kg

375 mg/kg

**Exposure**

-
Section 12. Ecological Information

Environmental Effects
Toxic to aquatic organisms.

Aquatic Ecotoxicity
Not available.

Section 13. Disposal Considerations

Waste Information
Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream
Code: D002
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Section 14. Transport Information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>UN3265</td>
<td>Corrosive liquid, acidic, organic, n.o.s. (Oxalic Acid, Dihydrate)</td>
<td>Class 8: Corrosive liquid.</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>TDG Classification</td>
<td>UN3265</td>
<td>Corrosive liquid, n.o.s.</td>
<td>TDG Class 8: Corrosive liquid.</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>IMDG Class</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packing group

Section 15. Regulatory Information

U.S. Federal Regulations
SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 307: 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.
All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations
California Prop 65 No products were found.

Canada
WHMIS (Canada) Class D-1B: Material causing immediate and serious toxic effects (Toxic).
Class D-2B: Material causing other toxic effects (Toxic).
Class E: Corrosive liquid.

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.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.