

# Material Safety Data Sheet

**Product Name:** MULCH MAGIC BRIGHT BROWN  
**Product Code:** 3MJ.64Z

**HMIS Codes:** H F R P  
2 1 0 D

## Section I - Manufacturer Identification

**Manufacturer's Name:** Becker-Underwood  
**Emergency Phone:** Chemtrec (800) 424-9300  
**Prepared By:** Teresa C. Sjulín

**Address:** 801 Dayton Avenue, Ames, Iowa 50010  
**Information Phone:** (515) 232-5907  
**Date Revised:** September 22, 1998

## Section II - Hazardous Ingredients/SARA III Information

\*\*\* No reportable quantities of hazardous ingredients are present \*\*\*

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present \*\*\*

## Section III - Physical/Chemical Characteristics

**Boiling Point:** 100° C  
**Vapor Density:** Of water  
**Solubility In Water:** Disperses in water  
**pH:** 8.0-10.0

**Specific Gravity: (H<sub>2</sub>O = 1):** 1.40-2.20 g/m.L.  
**Evaporation Rate:** Slower than water  
**Appearance and Odor:** Thick liquid, mild odor

## Section IV - Fire and Explosion Hazard Data:

**Flash Point:** N.A.  
**Flammable Limits in Air by Volume:** Lower: NE Upper: NE  
**Extinguishing Media:** Waterfog, Carbon Dioxide, Dry Chemical  
**Fire Fighting Precautions & Hazards:** Use NIOSH/MSHA approved self-contained breathing apparatus and protective clothing when extinguishing. Use water spray to keep fire exposed containers cool.  
**Unusual Fire and Explosion Hazards:** None known.

**Method Used:** N.A.

## Section V - Reactivity Data

**Stability:** Stable  
**Incompatibility (Materials to Avoid):** Strong oxidizing agents, high heat sources, sparks, open flames.  
**Hazardous Decomposition Products:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, hydrogen chloride, or other toxic compounds. However, all of the water must be driven off first for this to occur.  
**Hazardous Polymerization:** None known.

## Section VI - Health Hazard Data

**Inhalation Health Risks and Symptoms of Exposure:** None known.  
**Skin and Eye Contact Health Risks and Symptoms of Exposure:** May cause mechanical irritation to skin and eyes.  
**Health Hazards (acute and chronic):**  
**Existing Medical Conditions Generally Aggravated By Exposure:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.  
**Emergency and First Aid Procedures:** None known.  
**Eyes:** Flush eyes with generous amounts of water for at least 15 minutes. Call a physician if irritation persists.  
**Skin:** Wash exposed areas with copious amounts of soap and water.  
**Inhalation:** Remove patient to fresh air and provide oxygen if breathing is difficult.  
**Ingestion:** If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

## Section VII - Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Contain the spill to prevent discharge to surface streams or storm sewers. Since landfill operations will not accept liquid waste, allow to dry if possible before collecting for disposal. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers. Scrub spill area with detergent, flush with copious amounts of water.

**Waste Disposal Method:** The environmental concern is discoloration of land or water. If possible, the product should be dried before disposal. Disposal must be made in accordance with federal, state, and local regulations.

**Precautions to be Taken in Handling and Storing:** Local exhaust. Do not freeze. Avoid unnecessary skin contact. Do not breathe fumes.

**Other Precautions:** Eye wash fountains should be easily accessible. As with all chemicals, keep out of the reach of children

## Section VIII - Control Measures

**Respiratory:** If vapors or mists are generated, wear NIOSH/MSHA approved organic vapor/mist respirator.

**Ventilation:** Use local exhaust to control vapors/mists if applicable.

**Clothing:** Gloves, coveralls, apron, boots as necessary to prevent skin contact.

**Eye:** Chemical goggles, wear face shield if splashing hazard exists.

## Section IX - Shipping and Labeling Information

**D.O.T. Shipping Data:** Not regulated.

**D.O.T. Hazard Classification** NA

**D.O.T. Labels Required:** NA

**D.O.T. Identification** NA

## Section X - Disclaimer

The opinions expressed herein are those of qualified persons within Becker-Underwood, Inc. We believe the information contained here is current as of the date of this Material Safety Data Sheet. Since the use of this product is not within the control of Becker-Underwood, Inc., it is the user's obligation to determine a safe end use of this product.