

# Material Safety Data Sheet

**Product Name:** TURF MARK GREEN LIQUID  
**Product Code:** BUI\_TMGREEN

**HMIS Codes:** H F R P  
1 1 0 B

## Section I - Manufacturer Identification

**Manufacturer's Name:** Becker Underwood, Inc. **Address:** P.O. Box 667, 801 Dayton Ave., Ames, IA 50010  
**Emergency Phone:** Chemtrec (800) 424-9300 **Information Phone:** (515) 232-5907  
**Name of Preparer:** MSDS Coordinator **Date Revised:** June 10, 2004

## 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 SARA Title III and of 40 CFR 372 are present\*\*\*

## Section III - Physical/Chemical Characteristics

**Boiling Point:** >200°F **Specific Gravity: (H<sub>2</sub>O = 1):** 1.06-1.07  
**Vapor Density:** Heavier than air **Evaporation Rate:** Slower than ether  
**Solubility In Water:** Soluble **Appearance and Odor:** Dark green appearance, mild odor

## Section IV - Fire and Explosion Hazard Data

**Flash Point:** >200°F **Method Used:** TCC  
**Flammable Limits in Air by Volume:** **Lower:** N/A **Upper:** N/A  
**Extinguishing Media:** Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog  
**Firefighting Precautions & Hazards:** Fire fighters should wear butyl rubber boots, gloves, and body suit and a NIOSH/MSHA self-contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** Not a fire or explosion hazard when stored under normal conditions.

## Section V - Reactivity Data

**Stability:** Stable  
**Conditions to Avoid:** Extremes in temperatures.  
**Incompatibility (Materials to Avoid):** Mineral acids (i.e. sulfuric, phosphoric, etc.); alkalis (i.e. sodium or potassium hydroxide, etc.) 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, nitrous oxides, acetic acid or other toxic compounds depending on the chemical composition and reaction conditions. However, all of the water must be driven off first for this to occur.  
**Hazardous Polymerization:** Will not occur.

## Section VI - Health Hazard Data

**Inhalation Health Risks and Symptoms of Exposure:** Prolonged inhalation may lead to respiratory tract irritation  
**Skin and Eye Contact Health Risks and Symptoms of Exposure:** Prolonged or repeated contact may result in mechanical irritation.  
**Skin Absorption Health risks and Symptoms of Exposure:** None expected. Temporary discoloration of skin may occur.  
**Ingestion Health Risks and Symptoms of Exposure:** Ingestion of large quantities may be harmful.  
**Health Hazards (acute and chronic):** None known  
**Carcinogenicity NTP?** No **IARC Monographs?** No **OSHA Regulated?** No  
**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:**  
**Eyes:** Flush with flowing water for at least 30 minutes and call a physician.  
**Skin:** Wash affected area with soap and water. If irritation develops consult a physician. Remove and launder contaminated clothing before reuse.  
**Inhalation:** If inhaled, move to fresh air. If difficulty in breathing persists, administer oxygen and get immediate medical attention.  
**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. 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. 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. Protection: NIOSH/MSHA approved respirator.

**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.