

# Material Safety Data Sheet

## Section 1. Product and Company Identification

**Product Name:** Hi Light® Blue Tablet  
**Product Code:** BUI/HLTAB  
**Effective Date:** March 24, 2009

**Manufacturer Information:** Becker Underwood, Inc.  
 801 Dayton Avenue  
 Ames, Iowa 50010  
 Information Phone: (515) 232-5907  
 Emergency Phone: Chemtrec (800) 424-9300 or 703 527 3887 (international)

### Hazardous Material Information System:

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	X

## Section 2. Ingredients and Hazards Identification

**Emergency Overview:** May cause respiratory tract, eye, and skin irritation.

### Potential Acute Health Effects:

- Eyes:* Short term harmful effects are not expected. However, irritation may develop causing itching and redness.
- Skin:* Short term harmful effects are not expected. However, mild skin irritation may develop causing itching and redness. Exposure to unprotected skin may cause temporary staining.
- Inhalation:* Short term harmful effects are not expected. However, exposure to dust may cause coughing or wheezing when inhaled. Follow all NIOSH/MSHA regulations for dust level control.
- Ingestion:* Not an intended route of exposure. Short term harmful effects are not expected. However, may upset the gastrointestinal tract.

## Section 3. Composition/Information on Ingredients

The composition of this material is a trade secret. Contains no other components or impurities which will influence the classification with regard to human and environmental risk assessment.

## Section 4. First Aid Measures

- Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Prolonged or repeated contact may result in mechanical irritation.
- Skin Contact:** Wash with soap and water.
- Inhalation:** Move to fresh air. Seek medical attention if irritation develops.
- Ingestion:** Seek medical attention. Unless advised otherwise, dilute with water or milk.

## Section 5. Fire Fighting Measures

- Flammability of Product:** Not a fire or explosion hazard when stored under normal conditions.
- Fire Fighting Media:** Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog.
- Protective Clothing:** If evaporated to dryness, the solid residue may pose a moderate fire hazard. No special procedures required besides standard fire fighting procedures.

## Section 6. Accidental Release Measures

- Clean-Up Procedures:** Scoop up or use wet clean-up techniques and place in properly labeled and closed container. Dispose of collected material according to federal, state/provincial and local environmental regulations.
- Spills and Leaks:** Contain the spill to prevent discharges to surface streams or storm sewers. This material is a concentrated dye/pigment. Small quantities in contaminated water solutions will color large volumes.

## Section 7. Handling and Storage

- Handling:** Avoid breathing dust. General mechanical ventilation can be expected to effectively remove and prevent build up of any dust generated from handling this product in a closed environment. Protect eyes to prevent contact. Avoid prolonged or repeated exposure to skin.
- Storage:** Keep container in a dry place inaccessible to children and pets at temperatures above freezing. Keep containers sealed until ready for use.

## Section 8. Exposure Control/Personal Protection

Hazardous Components		Occupational Exposure Limits		
Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Fillers	Prop.	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	> 1%
***No reportable quantities of toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372 are present***				

- Engineering controls:** General mechanical ventilation can be expected to effectively remove and prevent build up of any dust generated from handling this product in a closed environment.
- Personal Protection:**
- Eyes:* Wear safety glasses. Have an eye wash station available.
  - Body:* To prevent skin contact wear coveralls, apron, boots, or lab coat.
  - Hands:* Avoid skin contact by using gloves.
  - Respiratory:* No respiratory protection required under normal conditions of use. Use local exhaust to control excessive dust. If excessive dust persist use appropriate NIOSH/MSHA approved respirator.
- Other:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.

## Section 9. Physical and Chemical Properties

<b>Odor</b>	Slight odor	<b>Vapor Density</b>	NA
<b>Color</b>	Dark Blue	<b>Evaporation Rate</b>	NA
<b>Physical state</b>	Tablet	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	NA
<b>pH</b>	NA	<b>Solubility</b>	Water soluble
<b>Melting/Freezing Point</b>	NA		

## Section 10. Stability and Reactivity

**Chemical Stability:** This material is chemically stable under normal storage and handling conditions.

**Hazardous Decomposition:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, acetic acid, or other toxic compounds depending on the chemical composition and combustion conditions.

**Hazardous Polymerization:** Is not known to occur.

**Incompatibility (Materials to Avoid):** Long term storage in direct contact with reactive metals such as aluminum, zinc, copper, nickel, magnesium, etc. Other materials to avoid include strong oxidizing agents.

## Section 11. Toxicological Information

**Chronic Toxicity:** None known

**Mutagenic Effects:** None known

**Teratogenic Effects:** None known

**Developmental Toxicity:** None known

**Acute Effects on Humans:** May cause skin, eye, and respiratory irritation.

**Sensitization:** Repeated or prolonged exposure to the substance at concentration above the exposure limits may cause respiratory tract and lung sensitization.

**Carcinogenic Effects:** This material is not known to cause cancer in animals or humans.

**Existing Medical Conditions Aggravated By Exposure:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

## Section 12. Ecological Information

**Ecotoxicity:** No data available, however the material is not expected to have any deleterious toxic effect.

**Environmental Fate:** No data available regarding the environmental fate or biodegradation.

## Section 13. Disposal Considerations

**EPA Waste Number:** Non-hazardous waste

**Treatment:** Dispose of according to all federal, state/provincial and local environmental regulations.

## Section 14. Transport Information

**D.O.T. Classification:** Not regulated

**IMO/IMDG** Not regulated

**Classification:**

**IATA Classification:** Not regulated

## Section 15. Regulatory Information

### Hazardous Material Information System III:

Health	1
Fire Hazard	1
Physical Hazard	0
Personal Protection	X

### US Federal Regulations:

**Product Information:** This product is not considered hazardous.

### SARA 311/312:

*Acute:* No  
*Chronic:* No  
*Fire:* No  
*Pressure:* No  
*Reactive:* No

**SARA 313:** No reportable quantities of toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372 are present.

### Regulatory Listings

United States (TSCA): Listed

## Section 16. Other Information

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