

# Material Safety Data Sheet

**Product Name:** Oil Soluble Blue Powder  
**Product Code:** 2BOB.BKT

**HMS Codes:** HFRP  
111F

## Section I – Manufacturer Identification

**Manufacturer's Name:** Becker Underwood, Inc. **Address:** P.O. Box 667, 801 Dayton Ave., Amos, IA 50010  
**Emergency Phone:** Chemtrec (800) 424-9300 **Information Phone:** (515) 232-5907  
**Prepared By:** MSDS Coordinator **Date Revised:** October 6, 2000

## Section II – Hazardous Ingredients/SARA III Information

Hazardous Components	Occupational Exposure Limits			
Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Blue Anthraquinone Dye	Proprietary	NE	NE	>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\*\*\*

## Section III - Physical/Chemical Characteristics

<b>Melting Point:</b>	NE	<b>Specific Gravity: (H<sub>2</sub>O = 1):</b>	NE
<b>Vapor Density:</b>	NA	<b>Evaporation Rate:</b>	NA
<b>Solubility In Water:</b>	Insoluble	<b>Appearance and Odor:</b>	Dark blue powder, odorless

## Section IV - Fire and Explosion Hazard Data:

**Flash Point:** NA **Method Used:** NA  
**Flammable Limits In Air by Volume:** NA **Lower:** NA **Upper:** NA  
**Extinguishing Media:** Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog  
**Fire Fighting 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:** If mixed with air in sufficient amounts and proportions, organic dusts can form flammable or explosive dust/air mixtures. As precautions, keep areas clean and avoid dust build-up. Have plenty of good ventilation. Avoid creating very dusty conditions. When mixing, pouring, or processing bulk amounts of powders, ground all containers and avoid static charges, sparks, smoking, open flames, or other possible causes of fire or explosion.

## Section V – Reactivity Data

**Stability:** Stable  
**Conditions to Avoid:** Extremes in temperature. High humidity.  
**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.  
**Hazardous Decomposition Products:** 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:** 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.  
**Section VI Health Hazard Data (Continued)**

**Health Hazards (acute and chronic):** None known.

**Carcinogenicity NTP?** No **IARC Monographs?** 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 15 minutes. 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 difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

**Ingestion:** Get immediate medical attention. Unless advised otherwise, induce vomiting by giving syrup of ipecac followed by two glasses of water or sticking finger down throat. Do not give anything by mouth if the person is drowsy, unconscious, or has no gag reflex.

### Section VII – Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Contain the spill to prevent a large discharge to surface streams or storm sewers. Vacuum or use wet clean-up techniques and place recovered product in a closable container.

**Waste Disposal Method:** The environmental concern is discoloration of land or water. Disposal must be made in accordance with federal, state, and local regulation.

**Precautions to be Taken in Handling and Storing:** Local exhaust. Do not freeze. Avoid unnecessary skin contact. Do not breathe fumes. Protect product from moisture, store in cool, dry place under low relative humidity, away from excessive heat. Store in original container or equivalent waterproof container. Reseal containers tightly after each use. Keep out of direct sunlight.

**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 excessive dust is present, wear NIOSH/MSHA approved respirator.

**Ventilation:** Local exhaust or containment.

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

**Eye:** Safety glasses are recommended.

**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 IX - Regulatory Information

**California Proposition 65 Information:**

This product contains traces of substances listed by California as causing cancer or reproductive toxicity:

Cadmium <0.50ppm; Total Chromium <1.00ppm; Lead <12ppm; Mercury <0.50ppm

### Section X - 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 XI - Disclaimer

The opinions expressed herein are those of qualified persons within Becker Underwood, Inc. We believe the information contained here is current as 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.