Material Safety Data Sheet

Product Name: COLORFAST PURPLE
Product Code: BUI/CFASTPURPLE

HMIS Codes: H F R P
2* 1 1 X

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
Prepared By: MSDS Coordinator
Date Revised: March 6, 2006

Section II – Hazardous Ingredients/SARA III Information

Hazardous Components Occupational Exposure Limits

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Acetic Acid	64-19-7	10 ppm	TWA 10ppm, STEL 15ppm	23.4%
Dipropylene Glycol	25265-71-8	NE	NE	1-10%
C.I. Basic Violet 3	67939-65-5	NE	NE	1-10%

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

***Acetic Acid is a CERCLA hazardous waste with a reporting quantity of 5000 pounds. See Section VII for more details.**

Section III - Physical/Chemical Characteristics

Boiling Point: NE
Specific Gravity: (H_20 = 1): 1.04-1.10
Vapor Density: Heavier than air
Evaporation Rate: Slower than ether
Solubility In Water: Soluble
Appearance and Odor: Dark purple liquid, acetic acid odor
pH: 3.0-4.1

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, CO2, 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: Not a fire or explosion hazard when stored under normal conditions. At temperatures above 109°F, acetic acid gives off vapors which may form an explosive mixture with air.

Section V – Reactivity Data

Stability: Stable
Conditions to Avoid: High humidity. Extremes in temperature. At temperatures above 109°F, acetic acid gives off vapors which may form an explosive mixture with air.
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: Severe inhalation overexposures to acetic acid may result in pulmonary edema. Inhalation of the vapors or mists causes irritation of the respiratory tract and inflammation of the lungs may result.
Skin and Eye Contact Health Risks and Symptoms of Exposure: Eye contact may result in burns and permanent injury. Exposure to unprotected skin areas may cause temporary staining.
Skin Absorption Health risks and Symptoms of Exposure: Skin contact with the liquid may result in dermatitis and deep burns.

Section VI - Health Hazard Data (continued)

Ingestion Health Risks and Symptoms of Exposure: Ingestion may cause moderate to severe gastric irritation including nausea, vomiting, and severe pain. Ulceration or perforation of the gastrointestinal tract may also occur.
Acute Health Hazards: This liquid is expected to be corrosive.
Chronic Health Hazards: Based on animal data, chronic overexposure to dipropylene glycol may cause liver and kidney damage.
Carcinogenicity: Basic Violet 3 (gentian violet) has been determined to cause cancer in rats and mice.
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: Immediately flush with flowing water for at least 15 minutes. Get immediate medical attention.
Skin: Immediately wash affected area with soap and water. Get immediate medical attention. 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. Dilute with water. DO NOT INDUCE VOMITING.

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. Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. This material is regulated by CERCLA ("Superfund").
Waste Disposal Method: Disposal must be made in accordance with federal, state, and local regulation.
Precautions to be Taken in Handling and Storing: Use local exhaust to control to recommended P.E.L. Do not freeze. Avoid 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 excessive vapors or mists are generated, wear NIOSH/MSHA approved organic vapor/mist respirator.
Ventilation: Use local exhaust to control to recommended P.E.L. If applicable, proper personal protection is a NIOSH/MSHA approved respirator.
Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.
Eye: Chemical goggles; wear face shield if splashing hazard exists.
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 - Shipping and Labeling Information

D.O.T. Proper Shipping Name & Description: ACETIC ACID SOLUTION, 8, UN 2790, PG III
D.O.T. Hazard Classification 8
D.O.T. Labels Required: 8, Corrosive
D.O.T. Identification: UN 2790
D.O.T. Packing Group: PG III

Section X - Disclaimer

The opinions expressed herein are those of qualified persons with 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.