

Material Safety Data Sheet

Product Name: FOAM DYE RED
Product Code: UAP/CANFDYERED

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

Section I – Manufacturer Identification

Manufactured For: United Agri Products **Address:** 789 Donnybrook Drive – Dorchester, Ontario
Canada, Inc. N0L 1G5
Emergency Phone: 1-800-561-8273
Prepared By: Registrations And **Date Revised:** 04/11/11
Regulatory Affairs

Section II – Hazardous Ingredients/SARA III Information

Hazardous Components Occupational Exposure Limits

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
C.I. Basic Violet 10	Prop.	NE	NE	> 1
Lactic Acid	50-21-5	NE	NE	> 1
Acetic Acid	64-19-7	10 ppm TWA	10 ppm TWA; 15 ppm STEL	0-5

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

Boiling Point: NE **Specific Gravity: (H₂O = 1):** 0.95-1.15
Vapor Density: Heavier than air **Evaporation Rate:** Slower than ether
Solubility In Water: Soluble **Appearance and Odour:** Red liquid, acetic acid odour

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 >109°F; acetic acid component may give off vapors which may form explosive mixture with air.

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. 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. Severe inhalation overexposure to acetic acid may result in severe respiratory tract irritation, difficulty breathing, and pulmonary edema.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Contact with eyes may result in severe irritation. Reddening and possible swelling of the conjunctiva may occur. Skin contact may result in moderate irritation. Prolonged or repeated contact may result in defatting and dermatitis.

Skin Absorption Health risks and Symptoms of Exposure: Skin sensitization has been reported in humans following dermal contact.

Ingestion Health Risks and Symptoms of Exposure: Ingestion of large quantities may be harmful.

Carcinogenicity The International Agency for Research on Cancer (IARC) has determined that C.I. Basic Violet 10

caused cancer when injected into rats. IARC has placed C.I. Basic Violet 10 (Rhodamine B) in Group 3 (unclassifiable as to carcinogenicity in humans). In other lifetime feeding studies, C.I. Basic Violet 10 caused liver tumors in mice and tumors of the thyroid and parathyroid gland in rats. There are no other known chronic effects associated with this material.

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, dilute with water or milk. 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. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers.

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.

Other Precautions: Eye wash fountains should be easily accessible. Product may fluoresce at moderate concentrations.

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 excessive vapors/mists. 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. Shipping Data: See Bill of Lading for additional information.

D.O.T. Hazard Classification See Bill of Lading for additional information.

D.O.T. Labels Required: See Bill of Lading for additional information.

D.O.T. Identification See Bill of Lading for additional information.

Section X - Disclaimer

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and UNITED AGRI PRODUCTS CANADA, INC. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.

NE = Not Established

NA = Not Applicable

Previous MSDS Date: 4/11/08