

**SECTION 1 - MANUFACTURER INFORMATION**

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Indianapolis, IN 46205      PREPARER/CONTACT: Donald W. Terry, Sr.  
**PREPARATION DATE:** 2/16/91      **REVISION DATE:**

**PRODUCT NAME:** F D R<sup>®</sup> (Food Dye Remover)

<b>HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)</b>	
<b>HEALTH..... 1</b>	<b>FLAMMABILITY... 0</b>
<b>REACTIVITY.... 0</b>	<b>PROTECTION..... B</b>

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY**

<u>CHEMICAL/COMMON NAME</u>	<u>CAS-NUMBER</u>	<u>%</u>	<u>PEL-OSHA</u>	<u>TLV-ACGIH</u>
FDR does not contain any hazardous materials as specified by OSHA.				

**SECTION 3 - PHYSICAL & CHEMICAL DATA**

**BOILING POINT:** 212(°F.)      **SPECIFIC GRAVITY:**(H<sub>2</sub>O=1)1.055  
**VAPOR PRESSURE (mmHg):** Nil      **VAPOR DENSITY(Air=1):** Unknown  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE & ODOR:** Water-white liquid with citrus odor.

**SECTION 4 - FIRE & EXPLOSION DATA**

**FLASH POINT:** None      **Method Used:**T.C.C.      **FLAMMABLE LIMITS:** LEL=N/A      UEL=N/A  
**AUTO-IGNITION TEMP:** N/A  
**EXTINGUISHER MEDIA:** None  
**SPECIAL FIREFIGHTING PROCEDURES:** None  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

**SECTION 5 - PHYSICAL HAZARD DATA**

**STABILITY:** Stable      **CONDITIONS TO AVOID:** Freezing temperatures.  
**INCOMPATIBILITY:** Acids will neutralize this product.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce carbon monoxide and carbon dioxide.  
**WILL HAZARDOUS POLYMERIZATION OCCUR?:** No

**PRODUCT: F D R**

**SECTION 6 - HEALTH HAZARD DATA**

**ACUTE:** Contact with eye & skin may be irritating.

**CHRONIC:** None.

**SIGNS & SYMPTOMS OF EXPOSURE:** Irritation of skin or eyes.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Skin rashes or dermatitis.

**LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN (NTP, IARC, or OSHA)?:** No

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES:** Flush with large amounts of water and see a physician.

**SKIN:** Wash area with soap and water. Apply protective cream.

**INGESTION:** Drink water and get medical assistance.

**INHALATION:** Remove to area of fresh air.

**ROUTES OF ENTRY:**

1. Inhalation: No effect from this material.
2. Eyes: Causes eye irritation.
3. Skin: May cause skin irritation.
4. Ingestion: Not normally a route of entry.

**SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in dry place away from acids.

**OTHER PRECAUTIONS:** Store with lids securely on containers.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Flush spills away with large amounts of water to sewer.

**WASTE DISPOSAL METHODS:** Consult federal, state, and local regulations. Dilute with water, neutralize with dilute acid, and follow disposal procedures.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:**

LOCAL EXHAUST: None MECHANICAL: Acceptable SPECIAL: OTHER:

**PROTECTIVE GLOVES:** Rubber or Neoprene.

**EYE PROTECTION:** Chemical safety goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Rubber apron to protect worker's clothing.

**WORK/HYGIENIC PRACTICES:** Always wash skin thoroughly after use.

**ADDITIONAL COMMENTS:**

To the best of our knowledge, the information contained herein is accurate. However, Bane-Clene Corporation assumes no liability for the accuracy or completeness of the information. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards may be described herein, we cannot guarantee that these are the only hazards which exist. Information herein is given in good faith, but no warranty, expressed or implied, is made.