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<b>Item Number</b>	<b>Catalog Number</b>	<b>Status</b>
000221	366454	
001168	366450	
001321	366452	
001495	366457	
142211	366385	
174694	366401	
190811	367661	
192142	367662	
205002	367658	
094039	366535	DMF
099533	366536	DMF
138626	366405	DMF
177844	366545	DMF
189232	367653	DMF
190173	367665	DMF
205001	367650	DMF
205004	367669	DMF
<del>203885</del>	369651	DMF

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MSDS Number: VS60312-03  
Issue Date: January 26, 2000  
Supersedes: November 25, 1996  
ERCO No.: 36-512

**CHEMICAL PRODUCT AND COMPANY IDENTIFICATION - SECTION 1**

**Company Identification:** Becton Dickinson VACUTAINER® Systems  
A Division of Becton Dickinson and Company  
1 Becton Drive  
Franklin Lakes, NJ 07417-1885

**FOR CHEMICAL EMERGENCY, SPILL LEAK, FIRE, EXPOSURE, OR ACCIDENT:**  
In the continental U.S., call Chemtrec: 1-800-424-9300  
For additional non-emergency information, call: 1-800-631-0174

**Product Name:** VACUTAINER® Brand Tube with Tripotassium EDTA

**Reorder Number:** 006458, 006564, 360005, 360041, 362005, 366350, 366352, 366385, 366401,  
366405, 366450, 366452, 366454, 366457, 366535, 366536, 366545, 367650,  
367653, 367658, 367660, 367661, 367662, 367665, 367669, 367857, 367858,  
368022, 368023, 368024, 368025, 368121, 368127, 369651

**Synonym(s):** N/A

**Chemical Formula:** N/A

**Chemical Family:** N/A

**COMPOSITION/ INFORMATION ON INGREDIENTS - SECTION 2**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Exposure Limit</b>	<b>Weight (mg)</b>
Tripotassium EDTA	65501-24-8	NA	4.0 - 33 mg

**HEALTH EFFECTS SUMMARY - SECTION 3**

The following information summarizes human experience and results of scientific investigations reviewed by health professionals for hazard evaluation of and development of Precautionary Measures and Occupational Control Procedures recommended in this document.

**Primary Route of Entry:** Dermal, eye contact, inhalation, and ingestion.

**Medical Conditions Which Might be Aggravated:** None identified.

**Acute Exposure Effects:**

1. Skin: May cause irritation.

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- 2. **Eyes:** May cause irritation.
- 3. **Inhalation:** May cause irritation to mucous membranes or upper respiratory tract.
- 4. **Ingestion:** May cause irritation to throat, esophagus, or stomach.

**Repeated Exposure Effects:**

- 1. **Skin:** None identified.
- 2. **Inhalation:** None identified.
- 3. **Ingestion:** None identified.

**EMERGENCY AND FIRST AID PROCEDURES - SECTION 4**

**Skin:** Wash with soap and copious amounts of water.  
**Eyes:** Flush eyes with copious amounts of water for at least 15 minutes.  
**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen.  
**Ingestion:** Victim should drink water to dilute. Get medical attention.

**FIRE PROTECTION INFORMATION - SECTION 5**

<b>Flash Point:</b>	N/A	<b>Method:</b>	N/A
<b>Autoignition Temperature:</b>	N/A	<b>Method:</b>	N/A
<b>Combustibility:</b>	N/A	<b>Method:</b>	N/A

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical or foam.  
**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:** Emits toxic fumes under fire conditions.

**ACCIDENTAL RELEASE MEASURES - SECTION 6**

Avoid overexposure. Wear self-contained respirator, chemical safety goggles, rubber boots and rubber gloves. Sweep up into appropriate container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**HANDLING AND STORAGE PROCEDURES - SECTION 7**

Keep container tightly closed. Suitable for any general chemical storage area.

**OCCUPATIONAL CONTROL PROCEDURES - SECTION 8**

**Eye Protection:** Use chemical safety goggles. **Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** NIOSH/MSHA-approved respirator.

**Ventilation:** Mechanical exhaust required.

**Airborne Exposure Limits:** None identified.

**Other Protective Equipment:** Eye bath, safety shower, aprons.

#### PHYSICAL PROPERTIES - SECTION 9

**Appearance:** White crystals or crystalline powder.

**Odor:** Odorless.

**Vapor Pressure (@20°C mm Hg):** N/A.

**Viscosity @ 40°C (centistokes):** N/A.

**Specific Gravity @ 25/25°C:** N/A.  
(100%)

**Solubility in Water (wt. %):** Complete

**Solubility in Other Solvents:** N/A

**Note:** These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

#### REACTIVITY DATA - SECTION 10

**Reactivity:** Stable.

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and nitrogen oxides.

**Hazardous Polymerization:** Will not occur.

#### TOXICOLOGY INFORMATION - SECTION 11

**Acute Eye Effects:** May cause irritation.

**Acute Skin Effects:** May cause irritation.

**Inhalation Toxicity:** May cause irritation to mucous membranes or upper respiratory tract.

**Ingestion Toxicity:** None identified.

**Exposure Limits:** Not established.

**Teratogenicity:** Not established.

**Reproductive Toxicity:** Not established.

**Mutagenicity:** Not established.

**Synergistic Products:** Not established.

**Sensitization to Product:** Not established.

**Carcinogenicity:** Contains more than 0.1% by weight of a material listed as a potential carcinogen by:

**NTP** No

**IARC** No

**OSHA** No

**Other Chronic Effects:** None identified.

**Signs and Symptoms of Overexposure:** None identified.

**Medical Conditions Generally Aggravated by Overexposure:** None identified.

#### ECOLOGICAL INFORMATION - SECTION 12

No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data are available.

#### DISPOSAL CONSIDERATIONS - SECTION 13

Disposal should be done in accordance with local, state and federal regulations.

#### TRANSPORTATION INFORMATION - SECTION 14

##### D.O.T.

**Proper Shipping Name:** Chemicals, N.O.S. (Non-regulated)

**Hazard Class/I.D. No./Packing Group:** N/A.

**Label:** N/A.

##### I.M.O.

**Proper Shipping Name:** Chemicals, N.O.S. (Non-regulated)

**Hazard Class/I.D. No./Packing Group:** N/A.

**Label:** N/A.

##### I.C.A.O./I.A.T.A.

**Proper Shipping Name:** Chemicals, N.O.S. (Non-regulated)

**Hazard Class/I.D. No./Packing Group:** N/A.

**Label:** N/A.

#### REGULATORY INFORMATION - SECTION 15

**TSCA Inventory:** None

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**Reportable Quantity (RQ) Under US EPA CERCLA Regulations:** None

**SARA Hazard Notification Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370):** None

**Section 313 Toxic Chemical(s):** None

**Hazardous Chemical(s) Under OSHA Hazard Communication Standard:** None

<b>OTHER INFORMATION - SECTION 16</b>
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**Label Information:**

Caution

Irritant. Irritating to eyes, respiratory system, and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Hazard Ratings:**

**NFPA**

Fire -- 1  
Health -- 1  
Reactivity -- 0  
Specific Hazard -- 0

**HMIS**

Health -- 1  
Flammability -- 1  
Reactivity -- 0

**Information Contact:** Becton Dickinson VACUTAINER® Systems  
A Division of Becton Dickinson and Company  
1 Becton Drive  
Franklin Lakes, NJ 07417-1885

To the best of our knowledge, the information contained herein is accurate. However, neither Becton Dickinson and Company nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.