

Med Assist

**BECTON  
DICKINSON**

Becton Dickinson and Company

**Material Safety****Data Sheet****SECTION 1 - IDENTITY**

<b>NAME</b> Becton Dickinson VACUTAINER Systems		<b>ADDRESS</b> Stanley Street, E. Rutherford, NJ 07073	
<b>TELEPHONE NUMBER</b> (201) 460-2615	<b>FOR ADDITIONAL INFORMATION CONTACT:</b> Fu-chung Lin, Ph.D.		<b>DATE PREPARED</b> November 25, 1987
<b>COMMON NAME (USED ON LABEL)</b> UNOPETTE Brand Test 6854, 5855		<b>CHEMICAL FAMILY</b> Saline Diluent	
<b>CHEMICAL NAME</b> Does not apply		<b>FORMULA</b> Does not apply	
<b>TRADE NAME &amp; SYNONYMS</b> UNOPETTE, trademark of Becton Dickinson and Company			

**SECTION 2 - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENT	CAS #	% (wt)	TLV	PEL
Proprietary Mixture The ingredients of this mixture do not exist in concentrations greater than those described in 29 CFR 1910.1200(g)(2)(i)(c)(1)&(2) and listed in sources identified in 29 CFR 1910.1200(d)(3)&(4)				

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

**SECTION 3 - PHYSICAL DATA**

<b>BOILING POINT</b> Not determined		<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b> Not determined		<b>VAPOR PRESSURE (mm Hg)</b> Not determined	
<b>PERCENT VOLATILE BY VOLUME (%)</b> Not determined		<b>VAPOR DENSITY (AIR=1)</b> Not determined		<b>EVAPORATION RATE ( =1)</b> Not determined	
<b>SOLUBILITY IN WATER</b> Soluble		<b>REACTIVITY IN WATER</b> Not reactive			
<b>APPEARANCE AND ODOR</b>					

Clear, colorless liquid; no characteristic odor, if any

**SECTION 4 - FIRE AND EXPLOSION DATA**

<b>FLASH POINT</b> None		<b>FLAMMABLE LIMITS IN AIR (% by VOLUME)</b> LOWER: Not applicable UPPER: Not applicable	
<b>EXTINGUISHING MEDIA</b> Water, carbon dioxide, dry chemical		<b>AUTO IGNITION TEMPERATURE</b> Not applicable	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> May emit sulfur dioxide, mercury, oxides of phosphorus on decomposition by heat.			

**SPECIAL FIRE FIGHTING PROCEDURES**  
Wear full protective clothing including self-contained breathing apparatus.

## SECTION 5 - HEALTH INFORMATION

### PRIMARY ROUTES OF EXPOSURE

Skin or eye contact, inhalation, ingestion

**SIGNS AND SYMPTOMS OF EXPOSURE** Some components are corrosive and may produce severe delayed chemical burns on contact  
(1) **ACUTE OVEREXPOSURE** - with skin or mucous membranes.

(2) **CHRONIC OVEREXPOSURE** - Ammonium oxalate component is readily absorbed internally causing kidney damage.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Kidney disfunction

### CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

None

NTP

☐ Yes ☒ No

IARC

☐ Yes ☒ No

OSHA

☐ Yes ☒ No

**OTHER EXPOSURE LIMITS** None

### EMERGENCY & FIRST AID PROCEDURES

**SKIN or EYES:** wash with water for at least 15 minutes; get medical attention for persistent dermatitis. **INGESTION and INHALATION:** get medical assistance.

## SECTION 6 - REACTIVITY DATA

### STABILITY

Unstable ☐ Stable ☒

**CONDITIONS TO AVOID** Not determined

### INCOMPATIBILITY (MATERIALS TO AVOID)

Not determined

### HAZARDOUS DECOMPOSITION PRODUCTS

Sulfur dioxide, mercury, oxides of phosphorus on decomposition by heat

### HAZARDOUS POLYMERIZATION

May Occur ☐ Will Not Occur ☒

**CONDITIONS TO AVOID**

Not determined

## SECTION 7 - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Absorb, rinse, flush to sewer, avoid skin or eye contact

### WASTE DISPOSAL METHOD

Dispose of wastes in accordance with local, state and Federal codes.

## SECTION 8 - PERSONAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION** Respiratory protection is not required under normal and intended uses

### VENTILATION

General room ventilation is expected to be adequate

### PROTECTIVE GLOVES

Not required, except during spill clean-up

**EYE PROTECTION** Normally not required, except when chance of splashing exists.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None

## SECTION 9 - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store and handle according to packaged instructions

### OTHER PRECAUTIONS

None

THE INFORMATION CONTAINED WITHIN WAS OBTAINED FROM AUTHORITATIVE SOURCES AND IS BELIEVED TO BE ACCURATE FOR THE MANNER IN WHICH THE PRODUCT IS INTENDED TO BE USED. OTHER USES COULD RESULT IN CONSEQUENCES WHICH ARE NOT CONSIDERED WITHIN THIS DOCUMENT.