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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 for Microbiological Studies

Reorder Numbers: 364960, 366404, 368031, 368032

Synonym(s): N/A

Chemical Formula: N/A

Chemical Family: N/A

COMPOSITION/ INFORMATION ON INGREDIENTS - SECTION 2

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Exposure Limit</u>	<u>Weight</u>
Sodium Polyanetholesulfonate	52993-95-0	None Established	6.0 mg
Sodium Chloride	7647-14-5	None Established	14.5 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: Eye contact, dermal contact, inhalation, or ingestion.

Medical Conditions Which Might be Aggravated: May increase high blood pressure.

Acute Exposure Effects:

- 1. Skin:** May cause slight irritation.
- 2. Eyes:** May cause irritation.
- 3. Inhalation:** May cause irritation of the upper respiratory tract.

4. Ingestion: May cause slight gastrointestinal irritation.

Repeated Exposure Effects:

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

EMERGENCY AND FIRST AID PROCEDURES - SECTION 4

Skin: Immediately wash affected area with soap and water for at least 15 minutes.

Eyes: Immediately flush with water for at least 15 minutes.

Inhalation: Remove victim to fresh air.

Ingestion: Do not induce vomiting. Give copious amounts of water to dilute. Seek medical attention.

FIRE PROTECTION INFORMATION - SECTION 5

Flash Point: N/A **Method:** N/A

Autoignition Temperature: N/A **Method:** N/A

Combustibility: N/A **Method:** N/A

Extinguishing Media: Use either water spray, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear protective clothing and self-contained breathing apparatus operated in positive pressure mode.

Unusual Fire and Explosion Hazards: Fire or excessive heat may cause decomposition resulting in the generation of toxic gases; carbon dioxide, carbon monoxide, and oxides of sulfur.

ACCIDENTAL RELEASE MEASURES - SECTION 6

Avoid overexposure. Wear protective clothing. Carefully sweep up and place in a suitable container. Flush spill area with water.

HANDLING AND STORAGE PROCEDURES - SECTION 7

Keep container tightly closed when not in use. Store away from strong oxidizing agents. Wash hands thoroughly after handling.

OCCUPATIONAL CONTROL PROCEDURES - SECTION 8

Eye Protection: Use safety goggles.

Skin Protection: Use protective gloves.

Respiratory Protection: None required if proper ventilation exists. Wear NIOSH approved mask when levels are high.

Ventilation: Use general or local exhaust ventilation.

Airborne Exposure Limits: None identified.

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

PHYSICAL PROPERTIES - SECTION 9

Appearance: Tan liquid.

Odor: Odorless.

Vapor Pressure (@20°C mm Hg): N/A

Viscosity @ 40°C (centistokes): N/A

Specific Gravity @ 25/25°C: N/A

Solubility in Water (wt. %): N/A

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: May be incompatible with strong oxidizing agents, lithium, halogens, iron, and cement.

Hazardous Decomposition Products: Hydrogen chloride, carbon monoxide, carbon dioxide, and oxides of sulfur.

Hazardous Polymerization: Will not occur.

TOXICOLOGY INFORMATION - SECTION 11

Acute Eye Effects: None identified.

Acute Skin Effects: None identified.

Inhalation Toxicity: None identified.

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: Yes

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

OTHER INFORMATION - SECTION 16

Label Information:

CAUTION

Avoid contact with eyes, skin, and clothing. May be harmful if swallowed in large quantities. May cause irritation. Wash thoroughly after use. Keep container tightly closed when not in use.

Hazard Ratings:

NFPA

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

HMIS

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

Information Contact: Becton Dickinson VACUTAINER® Systems
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