

BECTON DICKINSON VACUTAINER SYSTEMS -- 6470, EVACUATED BLOOD COLLECTION TUBES --
6630-01-061-0611

===== Product Identification =====

Product ID:6470, EVACUATED BLOOD COLLECTION TUBES

MSDS Date:11/13/1988

FSC:6630

NIIN:01-061-0611

MSDS Number: BNTPR

=== Responsible Party ===

Company Name:BECTON DICKINSON VACUTAINER SYSTEMS

Address:STANLEY STREET

City:E RUTHERFORD

State:NJ

ZIP:07073

Country:US

Info

Phone Num:201-460-2615

Emergency Phone Num:201-460-2615

CAGE:06531

=== Contractor Identification ===

Company Name:BECTON DICKINSON AND CO, BECTON DICKINSON DIV.

Address:1 BECTON DR

City:FRANKLIN LAKES

State:NJ

ZIP:07417-1884

Country:US

Phone:201-847-4000, 800-333-4831

CAGE:06531

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM FLUORIDE (SARA III)

CAS:7681-49-4

RTECS #:WB0350000

Fraction by Wt: 44.4%

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.5 MG/M3 (F)

EPA Rpt

Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:OXALIC ACID, DIPOTASSIUM SALT; (POTASSIUM OXALATE)
CAS:583-52-8
RTECS #:RO2885000
Fraction by Wt: 55.6%

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:IRRITATION OF MUCOUS
MEMBRANES. INGEST:IRRITATION & BURNING SENSATION
OF LIPS, MOUTH &
THROAT, PAIN IN SWALLOWING, INTENSE THIRST. SKIN:BURNING SENSATION
& INFLAMMATION, BLISTERS, PROFOUND DAMAGE TO TISSUES. EYES:BURNING
SENSATION, WATERING OF EYES, CONJUNCTIVITIS, ULCERATION, POSSIBLE
(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:DAMAGE TO CORNEA & LOSS OF VISION.
CHRONIC:FIXATION OF CALCIUM BY FLUORINE, NAUSEA, VOMITING,
DIARRHEA, ABDOMINAL BURNING & CRAMP-LIKE PAINS, CAN CAUSE SEVERE
B
ONE CHANGES, WEIGHT LOSS, DENTA L DEFECTS, MAY CAUSE RENAL TUBULE
OBSTRUCTION & KIDNEY DISTURBANCES.
Medical Cond Aggravated by Exposure:MAY IMPAIR GROWTH IN YOUNG WORKERS,
DISEASES OF BONE OR LIGAMENTS, OR DISEASES OF KIDNEY OR LUNG,
PRE-EXISTING SKIN DISEASES.

===== First Aid Measures =====

First Aid:SKIN:REMOVE VICTIM FROM CONTAM AREA & REMOVE CONTAM CLTHG,
FIRST AIDE'S SHLD TAKE CARE NOT TO BE CONTAM, WASH W/H*20 FOR 15
MINS/LONGER,
APPLY CALCIUM GLUCONATE GEL 2.5% ON DRIED AFFECTED
SKIN. CALL M D. INHAL:IF VICTIM COUGHS A GREAT DEAL MAKE HIM INHALE
VAPS OF EHTYL ALCOHOL/VAPS OF ETHER THEN GIVE O*2, BLOW NOSE IF
IRRITATED. INGEST:RINSE MOUTH IF MATL ENTERED, DO NOT LET VICTIM
VOMIT. (SUPDAT)

===== Fire Fighting Measures =====

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL

PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:MAY EMIT HIGHLY TOXIC FUMES.

===== Accidental Release Measures =====

Spill Release Procedures:CAREFULLY SWEEP UP MATL IF DRY, WEAR PROTECTIVE EQUIPMENT TO PREVENT INHALING, SKIN OR EYE CONTACT; IF LIQUID, CAREFULLY DILUTE W/WATER & ABSORB/FLUSH TO DRAIN W/COPIOUS AMTS OF WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handl

ing and Storage Precautions:STORE & HANDLE ACCORDING TO PACKAGED INSTRUCTIONS.

Other Precautions:BE PREPARED W/PROPER EMERGENCY MEDICAL SUPPLIES IN CASE OF AN ACCIDENT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NORMALLY NOT REQUIRED, USE NIOSH/MSHA APPROVED DUST RESPIRATOR FOR DRY SPILLS.

Ventilation:GENERAL ROOM VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EM

ERGENCY EYE BATH IS RECOMMENDED WHERE THERE IS POSSIBILITY OF EYE CONTACT. DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:GIVE LG DOSES OF EFFERVESCENT CALCIUM GLUCONATE TABLETS (6) DILUTED IN COPIOUS AMTS OF WATER/MILK. EYE:WASH W/WATER FOR 15 MINS/LONGER. IF GREAT PAIN PERSISTS AFTER WASHING PUT SEVERAL DROPS OF STERILE CALCIUM GLUCONATE 10% SOLN (SANDOZ OR EQUIV), IF PAIN PERSISTS REPEAT WASHING.

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===== Physical/Chemical Properties =====

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE POWDER OR BALLS OR CLEAR, LUSTROUS CRYSTALS; NO CHARACTERISTIC ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACID OR ACID VAPORS, FURFURYL ALCOHOL, AG, NACLO*3, NAOCL.

Stability Condition to Avoid:NOT DETERMINED.

Hazardous Decomposition Products:HYDROGEN FLUORIDE, FLUORINE, CO, CO*2.

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=== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTES I/A/W FEDERAL, STATE & LOCAL
CODES, NORMALLY SMALL VOLUMES CAN BE DISPOSED INTO A SEWER SYSTEM.

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