

BECTON DICKINSON AND CO, BECTON DICKINSON DIV. -- MICROTAINER BRAND TUBE W/LITHIUM  
HEPARIN -- 6630-01-317-3956

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

Product ID:MICROTAINER BRAND TUBE W/LITHIUM HEPARIN

MSDS Date:05/15/1996

FSC:6630

NIIN:01-317-3956

Status Code:A

Kit Part:Y

MSDS Number: CLMGD

=== Responsible Party ===

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

Address:1 BECTON DR

City:

FRANKLIN LAKES

State:NJ

ZIP:07417-1884

Country:US

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

Emergency Phone Num:8--042409300

Chemtrec Ind/Phone:(800)424-9300

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:LITHIUM HEPARIN

CAS:9045-22-1

Minum

um % Wt:.2  
Maxumum % Wt:1.1

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE EXPOSURE EFFECTS:  
SKIN/EYES/INGESTION: NONE IDENTIFIED. INHALATION: MAY CAUSE  
NOSEBLEEDS. REPEATED EXPOSURE EFFECTS: SKIN/EYES/INGESTION: NONE  
IDENTIFIED. INHALATION: MAY CAUSE NOSEBLEEDS.  
Effects of Overexposure:ACUTE EXPOSURE EFFECTS: SKIN/EYES/INGESTION:  
NONE IDENTIFIED. INHALATIO  
N: MAY CAUSE NOSEBLEEDS. REPEATED  
EXPOSURE EFFECTS: SKIN/EYES/INGESTION: NONE IDENTIFIED. INHALATION:  
MAY CAUSE NOSEBLEEDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:SKIN/EYES: WASH THOROUGHLY WITH WATER. INHALATION: REMOVE TO  
FRESH AIR. CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN.

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

Extinguishing Media:WATER SPRAY.  
F  
ire Fighting Procedures:FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED  
BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:THIS MATERIAL MAY CAUSE DUST EXPLOSION.

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

Spill Release Procedures:AVOID OVEREXPOSURE. IF AMOUNT IS SMALL, RINSE  
WITH WATER. IF AMOUNT IS LARGE, CONTAIN SPILL AND PLACE IN CLEAN,  
DRY CONTAINER AND COVER. WASH AREA WITH WATER.

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

Handlin  
g and Storage Precautions:PRODUC TIS EXTREMELY HYGROSCOPIC.  
STORE IN TIGHTLY-CLOSED DARK GLASS OR METAL CONTAINER. STORE IN A  
COOL, DRY PLACE. AVOID INHALATION.

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

Respiratory Protection:USE AN OSHA APPROVED PARTICLE/DUST MASK.  
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST  
LEVELS AS LOW AS POSSIBLE.  
Protective Gloves:STERILE GLOVES  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:EYE BATH,

SAFETY SHOWER, APRONS.

Supplemental Safety and Health

CONTD FROM PRODUCT ID, REORDER NO: 006484, 006543, 365971, 366388,  
366480, 366482, 366482, 366485, 367681, 367682, 367683, 367686,  
367687, 367734, 367880, 367881, 367884, 367886, 367889, 368006.

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

HCC:T6

Spec Gravity:0.5

Appearance and Odor:WHITE CRYSTALS, ODORLESS

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

Stability Indicator/Materials to

Avoid:YES

NONE IDENTIFIED

Stability Condition to Avoid:NONE IDENTIFIED

Hazardous Decomposition Products:NONE IDENTIFIED

===== Toxicological Information =====

Toxicological Information:ACUTE EYE EFFECTS, EXPOSURE LIMITS,  
REPRODUCTIVE TOXICITY, ACUTE SKIN EFFECTS, INGESTION TOXICITY,  
TERATOGENICITY, MUTAGENICITY AND SENSITIZATION TO PRODUCT: ALL HAS  
NOT BEEN IDENTIFIED OR ESTABLISHED. INHALATION TOXICITY: MAY CAUSE  
NOSE BLEEDS. CARCINOGENICITY: CONT

AINS MORE THAN 0.1% BY WEIGHT OF

A MATERIAL LISTED AS A POTENTIAL CARCINOGEN BY; NTPE: NO, IARC: NO,  
OSHA: NO. OTHER CHRONIC EFFECTS : NOT IDENTIFIED. SIGNS AND  
SYMPTOMS OF OVEREXPOSURE: NONE IDENTIFIED. MEDICAL CONDITION  
AGGRAVATED BY OVEREXPOSURE: NONE IDENTIFIED.

===== Ecological Information =====

Ecological:NO DATA IS AVAILABLE ON THE ADVERSE EFFECTS ON THIS MATERIAL  
ON THE ENVIRONMENT. NEITHER COD NOR BOD DATA ARE AVAILABLE.

=====

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH  
LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:NOT REGULATED, PER MSDS, FOR ALL MODES OF  
TRANSPORTATION.

===== Regulatory Information =====

SARA Title III Information:SARA HAZARD NOTIFICATION HAZARD CATEGORIES  
UNDER CRITERIA OF SARA TITLE II

I RULES (40 CFR PART 370): NONE

Federal Regulatory Information:TSCA INVENTORY: NONE, REPORTABLE

QUANTITY 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 CHEMICALS: NONE.

HAZARDOUS CHEMICALS UNDER OSHA HAZARD COMMUNICATIONS STANDARD:  
NONE.

State Regulatory Information:TSCA INVENTORY: NONE, REPORTABLE QUANTITY

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 CHEMICALS: NONE. HAZARDOUS

CHEMICALS UNDER OSHA HAZARD COMMUNICATIONS STANDARD: NONE.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expres

sly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.