

BIOMERIEUX VITEK INC -- V7052 FERRIC CHLORIDE 10% -- 6550-01-153-6988

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

Product ID:V7052 FERRIC CHLORIDE 10%

MSDS Date:04/03/1996

FSC:6550

NIIN:01-153-6988

MSDS Number: BZXTY

=== Responsible Party ===

Company Name:BIOMERIEUX VITEK INC

Address:595 ANGLUM DRIVE

City:HAZELWOOD

State:MO

ZIP:63042-5000

Country:US

Info Phone Num:800-638-4835/314-854-0344

Emergency Phone

Num:314-854-0344/800-638-4835

CAGE:0Z9R8

=== Contractor Identification ===

Company Name:BIOMERIEUX VITEK INC

Address:595 ANGLUM

Box:City:HAZELWOOD

State:MO

ZIP:63042-5000

Country:US

Phone:800-638-4835/314-854-0344

CAGE:0Z9R8

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

Ingred Name:FERRIC CHLORIDE

CAS:7705-08-0

RTECS #:LJ9100000

Fraction by Wt: 10%

ACGIH TLV:1 MG/CUM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by

Wt: 90%

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

LD50 LC50 Mixture:ORAL LD50(RAT): 450 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: IRRITATION TO MUCOUS

MEMBRANES & RESPIRATORY TRACT, LUNG DAMAGE. SKIN: IRRITATION,

CHEMICAL BURNS, SENSITIZATION. EYES: IRRITATION, BURNS. INGESTION:

GI IRRITATION. LARGE AMOUNTS WILL CAUSE MASSIVE IRON ABSORPTION

ON

WHICH CAUSES DAMAGE TO SYSTEMIC BLOOD VESSELS & LIVER. (SEE SUPP)

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, BURNING, BURNS, BROWN

DISCOLORATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY &/SKIN

DISEASES.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED. SKIN:

WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH

W/WATER FOR 15 MINS.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN

UNCONSCIOUS/CONVULSING PERSON. IF CONSCIOUS, RINSE MOUTH

W/WATER/MILK. GIVE MILK/WATER TO DILUTE. OBTAIN MEDICAL ATTENTION

IN ALL CASES.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING AREAS.

Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT (GLOVES & GOGGLES).

COLLECT W/ABSORBENT MATERIAL & PLACE IN A CONTAINER FOR DISPOSAL.

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

Other Precautions:KEEP OUT OF REACH OF CHILDREN. RINSE IMMEDIATELY

W/PLENTY OF WATER. AVOID BREATHING, TOUCHING, SMOKING & CONTACT

W/SKIN & EYES.

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

Respiratory Protection:

IF EXPOSURE EXCEED THE EXPOSURE LIMITS, WEAR AN  
APPROVED DUST/MIST RESPIRATOR/SUPPLIED AIR RESPIRATOR.  
Ventilation:GENERAL LABORATORY VENTILATION SHOULD BE ADEQUATE.  
Protective Gloves:BUTYL RUBBER/NEOPRENE  
Eye Protection:CHEMICAL SAFETY GOGGLES  
Other Protective Equipment:IMPERVIOUS CLOTHING.  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.  
Supplemental Safety and Health  
HEALTH HAZARDS CONT'D: PROLONGED/REPEATED EXPOSURE MAY CAUSE  
DERMATITIS. CHRONIC EXPOSURE  
MAY DAMAGE TO THE LIVER & PANCREAS.

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

Vapor Pres:AS WATER  
Vapor Density:AS WATER  
Spec Gravity:1.15  
pH:4.9  
Solubility in Water:COMPLETE  
Appearance and Odor:BRIGHT YELLOW LIQUID W/NO ODOR.  
Percent Volatiles by Volume:90

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, ALLYL CHLORIDE, AROMATIC MONOMERS, ETHYLENE  
OXIDE, CORROSIVE TO METALS  
.  
Stability Condition to Avoid:EXCESSIVE HEAT.  
Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL  
REGULATIONS. CORROSIVE, UN2582. EMPTY CONTAINERS SHOULD BE  
COLLECTED FOR PROPER DISPOSAL.

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