

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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%

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===== Hazards Identification =====  
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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.

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

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===== Fire Fighting Measures =====  
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Flash Point:NONE  
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING AREAS.  
Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====  
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT (GLOVES & GOGGLES).  
COLLECT W/ABSORBENT MATERIAL & PLACE IN A CONTAINER FOR DISPOSAL.

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===== Handling and Storage =====  
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Other Precautions:KEEP OUT OF REACH OF CHILDREN. RINSE IMMEDIATELY  
W/PLENTY OF WATER. AVOID BREATHING, TOUCHING, SMOKING & CONTACT  
W/SKIN & EYES.

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