

CAROLINA BIOGOLICAL SUPPLY CO -- POTASSIUM FERROCYANIDE,TRIHYDRATE,88-3310 --  
6810-00-241-1145

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

Product ID:POTASSIUM FERROCYANIDE,TRIHYDRATE,88-3310

MSDS Date:01/04/1996

FSC:6810

NIIN:00-241-1145

MSDS Number: BYXJX

=== Responsible Party ===

Company Name:CAROLINA BIOGOLICAL SUPPLY CO

Address:2700 YORK RD

City:BURLINGTON

State:NC

ZIP:27302

Country:US

Info Phone Num:

800-227-1150/910-584-0381

Emergency Phone Num:910-584-0381/800-424-9300(CHEMTREC)

CAGE:59896

=== Contractor Identification ===

Company Name:CAROLINA BIOLOGICAL SUPPLY CO

Address:2700 YORK RD

Box:City:BURLINGTON

State:NC

ZIP:27215-3387

Country:US

Phone:800-227-1150/910-584-0381

CAGE:59896

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

Ingred Name:POTASSIUM FERROCYANIDE TRIHYDRATE

CAS:14459-95-1

Fraction by Wt: 98- 100%

Other REC Limits:NONE RECOMMENDED

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== Hazards Identification ==

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- EYE CONTACT MAY CAUSE IRRITATION. SKIN CONTACT MAY CAUSE IRRITATION. DUST MAY CAUSE IRRITATION TO RESPIRATORY TRACT. HARMFUL I F SWALLOWED. MAY CAUSE GASTROINTESTINALDIS

COMFORT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DISCOMFORT, NAUSEA, TEARING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

== First Aid Measures ==

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP &

WATER. EYE:FLUSH WITH

WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH

AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, INDUCE

VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A

PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

== Fire Fighting Measures ==

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER

SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:CAUSES DECOMPOSITION.

== Accidental Release Measures ==

Spill Release Procedures:VENTILATE AREA. WEAR PROTECTIVE EQUIPMENT.

SWEEP UP OR SCOOP UP SPILLED MATERIAL. PLACE IN A SUITABLE

CONTAINER FOR DISPOSAL. MINIMIZE GENERATION

OF DUST.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER,  
AWAY FROM STRONG ACIDS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING  
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF  
CHILDREN. DO NOT TAKE INTERNALLY. AVOID BEATHING DUST.

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

Respiratory Protection:IF ENGIN  
EERING CONTROLS DO NOT MAINTAIN AIRBORNE  
CONCENTRATIONS TO AN ACCETABLE LEVEL, A NIOSH-APPROVED RESPIRATOR  
FOR DUST MUST BE WORN.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION.

Protective Gloves:LATEX RUBBER

Eye Protection:DUST-RESISTANT GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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===== Physi  
cal/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.85

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:YELLOW CRYSTALS - ODORLESS

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS

Stability Condition to Avoid:AIR, HEAT

Hazardous Decomposition Products:CYANIDES, OXIDES

# OF NITROGEN

## ===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT A LICENSED CHEMICAL WASTE DISPOSAL FACILITY.

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