

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

===== 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

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

Ingred Name:POTASSIUM FERROCYANIDE TRIHYDRATE

CAS:14459-95-1

Fraction by Wt: 98- 100%

Other REC Limits:NONE RECOMMENDED

=====

== 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

=====
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.

=====
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

=====
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

=====
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.

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, expressly 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.