

CAROLINA BIOGOLICAL SUPPLY CO -- POTASSIUM THIOCYANATE,P 7-88-4630 -- 6810-00-247-0597  
===== Product Identification =====

Product ID:POTASSIUM THIOCYANATE,P 7-88-4630  
MSDS Date:01/02/1998  
FSC:6810  
NIIN:00-247-0597  
MSDS Number: CGMTY  
=== Responsible Party ===  
Company Name:CAROLINA BIOGOLICAL SUPPLY CO  
Address:2700 YORK RD  
City:BURLINGTON  
State:NC  
ZIP:27215-3387  
Country:US  
Info Phone Num:910-584-038  
1/800-227-1150  
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 THIOCYANATE  
CAS:333-20-0  
RTECS #:XL1925000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

===== Hazards

Identification =====

LD50 LC50 Mixture:LD50 (ORAL, MUS) IS 845 MG/KG.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE, SKIN, RESPIRATORY TRACT IRRITATION. MAY CAUSE GASTROINTESTINAL DISCOMFORT. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKI N. MAY CAUSE CONVULSION, DIZZINESS, HEADACHE, NAUSEA  
. CHRONIC- MAY PRODUCE ADVERSE REPRODUCTIVE EFFECTS (TEST ANIMALS).

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, 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 PE RSIST. EYE/SKIN:FLUSH

WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:MOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, DRINK PLENTY OF WATE R & INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Ex

tinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. 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:HIGHLY TOXIC DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SWEEP UP SPILL. AVOID CREATING

DUST. PLACE IN  
APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE AREA AND WASH SPILL  
SITE WITH WATER.

Neutralizing Agent:NOT RELEVANT

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM  
INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED  
AREA.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR  
CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING

MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE  
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR  
DUST MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR  
DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER, NEOPRENE

Eye Protection:SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:EYE WASH STA  
TION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:343F,173C

Decomp Temp:Decomp Text:932F,500C

Spec Gravity:1.88

Viscosity:NOT RELEVANT

Evaporation Rate & Ref

erence:NOT RELEVANT

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS, DELIQUESCENT CRYSTALS - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS, PERCHLORYL FLUORIDE

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
HYDROGEN CYANIDE, HYDROGEN THIOCYANIDE, CYANIDES, NITROGEN OXIDES,  
SULFUR OXIDES

===== Disposal Considerations =

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

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