

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

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Box:City:BURLINGTON

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

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===== 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

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

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.

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

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 STAT  
ION, 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

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

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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