

SODIUM THIOCYANATE.

MSDS Number

BHCGX

National Stock Number

6810-01-150-7898

Product Name

SODIUM THIOCYANATE.

Manufacturer

FISHER SCIENTIFIC CO CHEMICAL MFG DIV

Product Identification

Product ID:SODIUM THIOCYANATE.

MSDS Date:10/12/1988

FSC:6810

NIIN:01-150-7898

MSDS Number: BHCGX

Responsible Party

FISHER SCIENTIFIC CO;CHEMICAL MFG DIV.

1-REGEANT LANE

FAIR LAWN , NH 07410-2802

US

Emergency Phone: 201-796-7100

Info Phone: 201-796-7523

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

SODIUM THIOCYANATE

CAS: 540-72-7

RTECS: XL2275000

Fraction By Weight: >98.0%

SODIUM CARBONATE.

CAS: 497-19-8

RTECS: VZ4050000

ISOLUBLE MATTER

ACGIH TLV: N?K

Hazards

LD50 LC50 Mixture:LD50,ORAL-RAT:764MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY OR G.I.SYSTEM;CNS EFFECT LIKE
HEADACHE,DROWINESS,DIZZINESS,NARCOSIS,CONFUSION
CYANOSOS;PAIN,REDNESS OF SKIN AND EYES AND IN CASE OF
INGESTION,NAUSEA,HEADACHE, VOMITING,DIZZINESS,CONVULSIONS.
CHRONIC:DERMATITIS,ABNORMAL BLEEDEING,CONJUNCTIVITIS.
Explanation of Carcinogenicity:NO DATA PER MSDS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. CONSULT A PHYSICIAN
IMMEDIATELY. SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15
MINUTES;SEEK MEDICAL HELP. INGESTION:IF CONSCIOUS.GIVE 2-4 GLASSES
OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL,CO*2,HALON,WATER SPRAY ALCOHOL FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual Fire/Explosion Hazard:AVOID EXTREME HEAT:TOXIC VAPOR/MIST
POSSIBLE.

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION:SWEEP UP OR
VACUUM AND RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:STORE IN COOL DRY AREA; KEEP CONTAINER
CLOSED WHEN NOT IN USE:PROTECT FROM PHYSICAL DAMAGE.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE PEL/TLV,OR SCBA IN AN ENCLOSED AREA IF APPLICABLE.
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:IMPERVIOUS.
Eye Protection:CHEMICAL GOGGLES.
Other Protective Equipment:PROTECTIVE CLOTHING;EYE-WASH FACILITIES.
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;;DO NOT
BREATHE VAPORS/MIST:WASH THOROUGHLY AFTER EACH USE.
Supplemental Safety and Health

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:DECOMPOSES
Melt/Freeze Pt:M.P/F.P Text:549F/287C
Spec Gravity:>1.0
pH:NEUTRL
Solubility in Water:SOLUBLE
Appearance and Odor:ODORLESS DELQUENSCEMENT,CRTSTELS OR WHITE POWDER.

Stability

Stability Indicator/Materials to Avoid:YES
SODIUM NITRITE.
Stability Condition to Avoid:EXTREME HEAT.
Hazardous Decomposition Products:TOXIC VAPORS OF CYANIDE,NITROUS
OXIDE,SULFUR OXIDE,SODIUM OXIDE.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL STATE
AND FEDERAL REGULATIONS.

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