

CITY CHEMICAL CORPORATION (FORMER NEW YORK NY LOCATION) -- SODIUM CYANIDE --  
6810-00-281-6933

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

Product ID:SODIUM CYANIDE

MSDS Date:10/01/1994

FSC:6810

NIIN:00-281-6933

Status Code:A

MSDS Number: CJMLQ

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION (FORMER NEW YORK NY LOCATION)

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country

:US

Info Phone Num:201-653-6900/800-248-2436

Emergency Phone Num:201-653-6900/800-424-9300(CHEMTREC)

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

Box:City:WEST HAVEN

State:CT

ZIP:06516

Country:US

Phone:800-248-2436/203-932-2489

Contract Num:SP0450-99-MNH13

CAGE:1GKT4

=====

Composition/Information on Ingredients =====

Ingred Name:SODIUM CYANIDE (SARA 302/313) (CERCLA)  
CAS:143-33-9  
RTECS #:VZ7525000  
Fraction by Wt: 98%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG(CN)/M3  
ACGIH TLV:S, C 5 MG(CN)/M3; 96  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 6.44MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:  
NO OSHA:NO  
Health Hazards Acute and Chronic:\*\*POISON BY INHALATION, INGESTION AND  
SKIN ABSORPTION\*\* CAUSES SEVERE EYE IRRITATION, SKIN IRRITATION,  
LUNG IRRITATION, CYANOSIS AND CNS DEPRESSION.TARGET ORGANS:CNS,  
BLOOD AND HEART.  
Explanation of Carcinogenicity:NOT A CARCINOGEN.  
Effects of Overexposure:CYANOSIS AND IRRITAION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFR.

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER.S  
KIN:WASH WITH WATER.REMOVE  
CONTAMINATED CLOTHING.INHAL:REMOVE TO FRESH AIR.GIVE ARTIFICIAL  
RESPIRATION OR OXYGEN IF NEEDED.INGEST:IF CONSCIOUS,WASH MOUTH OUT  
WITH WATER.CALL PHY SICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE  
Extinguishing Media:USE FOAM.DO NOT USE CARBON DIOXIDE.  
Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SK

IN AND EYES.WATER

SPRAY MAY BE USED TO COOL FIRE EXPOSED CONTAINERS,HOWEVER THIS MAY EVOLVE HIGHLY TOXIC HCN GAS.DISSOLVED CYANIDE MUST BE KEPT OUT OF SEWERS AND WATERWAYS.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:SWEEP UP;AVOID RAISING A DUST CLOUD.PLACE IN A BAG FOR DISPOSAL.VENTILATE AND WASH SPILL AREA.

Neutralizing Agent:NOT APPLICABLE.

=====

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

Handling and Storage Precautions:STORE IN A COOL,DRY PLACE.AVOID CONTACT WITH INCOMPATIBLE MATERIALS.KEEP CONTAINER CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT;DO NOT BREATHE DUST OR FUMES.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH, PROTECTIVE CLOTHING,RUBBER BOOTS AND HEAVY RUBBER GLOVES

Work Hygienic Practices:DO NOT BREATHE DUST/GET INTO EYES, ON SKIN, ON CLOTHING. READILY ABSORBED THROUGH SKIN. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

THIS MATERIAL IS HYGROSCOPIC(IT ABSORBS WATER). CYANIDE FORMS EXPLOSIVE MIXTURES WITH CHLORATES, NITRATES AND NITROGEN TETRACHLORIDE PLUS AMMONIA.

=====

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

HCC:T2

Melt/Freeze Pt:=-563.7C, #####F

Vapor Pres:1 @817C

Vapor Density:1.7

Appearance and Odor:WHITE POWDER WITH CHUNKS

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

Stability Indicator/Materials to Avoid:YES

CARBON DIOXIDE, ACIDS, STRONG OXIDIZING AGENTS. FORMS EXPLOSIVE MIXTURES WITH CHLORATES, NITRATES AND NITROGEN TRICHLORIDE PLUS AMMONIA.

Stability Condition to Avoid:MAY DECOMPOSE UPON EXPOSURE TO M

OIST AIR  
OR WATER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON  
MONOXIDE,HYDROGEN CYANIDE AND NITROGEN OXIDES.

===== Toxicological Information =====

Toxicological Information:ORAL LETHAL DOSE IN MAN = 2.8 MG/KM; ORAL RAT  
LD50=6.44 MG/KG.

===== Ecological Information =====

Ecological:DATA NOT AVAILABLE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN  
ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:SEC 313= YES, RQ=10 LBS.

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. An  
y person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.