

KRAFT CHEM CO (ICI AMERICAS INC) -- SODIUM CYANIDE -- 6810-00-281-2039

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

Product ID:SODIUM CYANIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-281-2039

MSDS Number: BDSRC

=== Responsible Party ===

Company Name:KRAFT CHEM CO (ICI AMERICAS INC)

Address:1975 N. HAWTHORNE AVE

City:MELROSE

State:IL

ZIP:60160-1160

Country:US

CAGE:JO991

=== Contractor Identification ===

Company Name:KRAFT CHEM CO (ICI AMERICAS INC)

Address:1975 N. HAWTHORNE

AVE

Box:City:MELROSE

State:IL

ZIP:60160-1160

Country:US

CAGE:JO991

Company Name:MIDWEST AGENTS KRAFT CHEMICAL CO

Address:1975 N. HAWTHORNE AVE

Box:City:MELROSE

State:IL

ZIP:60160-1160

Country:US

CAGE:4V473

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

Ingred Name:SODIUM CYANIDE (SARA III)

CAS:143-33-9

RTECS #:VZ7525000

Fraction by Wt: 100%

OSHA PEL:5 MG/M3 (CN)

ACGIH TLV:S; 5 MG/M3 (CN);9192

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

===== Hazards Identifi

cation =====

Effects of Overexposure:EYE/SKIN: CORROSIVE/ABSOPTION. INGESTION:
LIKELY FATAL. INHALATION: >181 PPM,FATAL

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

First Aid:EYE?SKIN: FLUSH WITH WATER,IMMEDIATELY FOR 15 MIN,CALL
PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE,BREAK AN AMYL NITRITE
PERAL & HOLD UNDER NOSE FOR 15 SEC,CALL MD,IF UNCONSCIOUS GIVE
ARTIF RESP (NOT MOUTH TO MOUTH). INGESTION: INDUCE (SEESUP DATA)

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

Extinguishing Media:WATER FOG. *DO NOT USE CARBON DIOXIDE*

Fire Fighting Procedures:SELF CONTAIN BREATH APP,DO NOT USE
CO*2,PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:HCN GAS IS RELEASED IN CONTACT ACID,ACID
FUME,MOIST AIR & CO*2. FLASH POINT FOR GAS IS -0.04F/-17.8C

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

Spill Release Procedures:WEAR FULL PROTECTIVE EQUIPMENT,SWEEP UP
SPILLED MATERIAL & RET
URN TO CONTAINER OR USE IMMEDIATELY. NEVER
FLUSH TO PUBLIC SEWERS OR DRAINAGE DITCHES.

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

Handling and Storage Precautions:STORE IN DRY,COOL VENTILATED AREA.
KEEP CONTAINER CLOSED. PROTECT FROM EXPOSURE TO ACIDS,ACID
VAPOR,REDUCING & OXIDIZING AGENTS & PHYSICAL DAMAGE.

Other Precautions:DO NOT EAT,SMOKE OR DRINK WHERE CYANIDES ARE PRESENT.
NACN IS HARMFUL TO AQUATIC LIFE IN VERY LOW CONCENTRATES. THE EPA
HAZAR

DOUS WASTE NUMBER FOR SODIUM CYANIDE IS P-106.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH
EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST

Protective Gloves:RUBBER GAUNTLET

Eye Protection:CHEM GOGGLES/FACE SHIELD

Other Protective Equipment:RUBBER APRONS & BOOTS

Supplemental Safety and Health

FIRST AID CONT: VOMITING IF CONSCIOUS WHILE BREAKING AMYL NITRITE PEARL
UNDER NOSE. CALL PHYSICIAN. CONT

AINER SIZE: 5 LB BOTTLE

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

HCC:T2

Boiling Pt:B.P. Text:300F/149C

Vapor Pres:1

Solubility in Water:READILY

Appearance and Odor:WHITE,SLIGHT ALMOND ODOR,SOLID (GRANUL,FLAKE EGG)

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

Stability Indicator/Materials to Avoid:YES

ACID,OXIDIZING MATERIAL,STRONG REDUCING AGENTS.

Stability Condition to Avoid:ACIDS,ACID FUMES,MOIST AIR. CO*2 MAY CAUSE
ACID HYDROLYSIS

Haz

ardous Decomposition Products:HCN GAS

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

Waste Disposal Methods:COMPLY WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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