

KRAFT CHEM CO (ICI AMERICAS INC) -- SODIUM CYANIDE -- 6810-00-843-3643

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Product Identification  
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Product ID:SODIUM CYANIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-843-3643

MSDS Number: BFGSJ

=== 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 ===

Compan

y 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

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Composition/Information on Ingredients  
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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:1

0 LBS  
DOT Rpt Qty:10 LBS

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

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  
PEARL & HOLD UNDER NOSE FOR 15 SEC,CALL MD,IF UNCONSCIOUS GIVE  
ARTIF RESP (NOT  
MOUTH TO MOUTH). INGESTION: INDUCE (SEESUP DATA)

===== 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:W  
EAR FULL PROTECTIVE EQUIPMENT,SWEEP UP  
SPILLED MATERIAL & RETURN 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 HA  
RMFUL TO AQUATIC LIFE IN VERY LOW CONCENTRATES. THE EPA  
HAZARDOUS 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. CONTAINER 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  
Hazardous Decomposition Products:HCN GAS

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

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

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