

INLAND PACKAGING -- POTASSIUM CYANIDE,ACS -- 6810-00-247-0598

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Product Identification  
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Product ID:POTASSIUM CYANIDE,ACS

MSDS Date:01/01/1985

FSC:6810

NIIN:00-247-0598

MSDS Number: BDNKT

=== Responsible Party ===

Company Name:INLAND PACKAGING

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701

Country:US

CAGE:6U655

=== Contractor Identification ===

Company Name:INLAND PACKAGING

Box:644

City:ELI

ZABETHTOWN

State:KY

ZIP:42701

Country:US

Phone:502-737-6758

CAGE:6U655

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM CYANIDE (SARA III)

CAS:151-50-8

RTECS #:TS8750000

Fraction by Wt: 99.0%

OSHA PEL:5 MG/M3 (CN)

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

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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Hazards Identification  
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Effects of Overexposure:PUNGENT SORE THROAT,FAINTNESS,LABORED  
BREATHING,UNCONSCIOUSNESS,CORR.TO S

KIN,EYES,STOMACH ACHE.

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

First Aid:INHALATION:FRESH AIR,REST,INHALE AMYL NITRITE,ARTIFICIAL RESPIRATION,IF NECESSARY,& CARRY TO HOSPITAL;SKIN:REMOVE CONTAMINATED CLOTHES,RINSE SKIN W/PLENTY OF WATER OR SHOWER,CALL DR;EYES:RINSE W/H\*20; INGEST:RINSE MOUTH,GIVE PLENTY H\*20,IND.VOM/SUPPDT

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

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:LIBERATES FLAMMABLE HYDROGEN CYANIDE UPON HEATING,CONTACT WITH ACID,ACID FUMES,WATER OR STEAM,OXIDES

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL.STOP LEAK IF W/O RISK.USE H\*2O SPRAY TO REDUCE VAPORS.SM SPILLS:TAKE UP WITH SAND OR NON COMB.ABS.MATL,THEN FLUSH W/H\*20.LG SPILL:DIKE W/COMML ABS,SHOVEL INTO METAL DRUMS .

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===== Handling and Storage =  
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Handling and Storage Precautions:DRUMS OF KCN SHOULD BE STORED IN A DRY AREA,SEPARATED FROM ACIDS,WEAK ALKALIES & STRONG OXIDIZING MATLS.IF POSSIBLE,OPEN CYANIDE CONTNRS IN USE AREAS.

Other Precautions:EMPTY CONTAINERS SHOULD BE FLUSHED WITH LARGE VOLUMES OF WATER AND SHOULD NOT BE REUSED.DISPOSE OF WASTE WATER IAW LOCAL REGS.STORE IN COOL,WELL VENTILATED AREA.AVOID PHYS.CONTACT PROT.FR DAMG

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===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS

Ventilation:LOCAL EXHAUST IS RECOMMENDED

Protective Gloves:RUBBER

Eye Protection:FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING.

Supplemental Safety and Health

ITEM IS 99% MIN.BY WT.PER SPECIFICATION.EMERGENCY & FIRST AID

PROCEDURES(CONTD):INGESTION:INHALE AMYL NITRITE, & TRANSPORT TO HOSPITAL.HANDLG & STG(CONT):REMOVE CONTD CLOTHES.DO NOT EAT,SMOKE.

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

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HCC:T2

Spec Gravity:1.5

Solubility in Water:75GM/100ML

Appearance and Odor:WHITE,HYGROSCOPIC CRYSTALS,WITH CHARACTERISTIC ODR

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

Stability Indicator/Materials to Avoid:YES

ACIDS,WEAK ALKALIES,STRONG OXIDIZING MATLS(NITRATES;ETC)

Hazardous Decomposition Products:CONTACT W/ACIDS LIBERATES TOXIC &  
FLAMM.HCN,POISONOUS GASES.

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

Waste Disposal Methods

:KEEP IN COVERED DRUMS,PENDING DISPOSAL.HANDLE &  
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE  
INTERNATIONAL,FEDERAL,STATE & LOCAL REGS.

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