

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

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

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:EL

IZABETHTOWN

State:KY

ZIP:42701

Country:US

Phone:502-737-6758

CAGE:6U655

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

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

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

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

SKIN,EYES,STOMACH ACHE.

=====  
===== 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

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

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING AP PARATUS.

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

=====  
===== 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 .

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

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

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

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.

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

=====

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 Method

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

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. Any person utilizing this  
document

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