

ENGELHARD INDUSTRIES DIV,ENGELHARD CORP -- ARGENTOUS CYANIDE -- 6810-00-241-8426  
===== Product Identification =====

Product ID:ARGENTOUS CYANIDE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-241-8426

MSDS Number: BDMPM

=== Responsible Party ===

Company Name:ENGELHARD INDUSTRIES DIV,ENGELHARD CORP

Address:429 DELANCY ST

City:NEWARK

State:NJ

ZIP:07105-3811

Country:US

CAGE:KO599

=== Contractor Identificatio

n ===

Company Name:ENGELHARD CORP SPECIALTY CHEM DIV CATALYSTS DEPT

Address:429 DELANCY ST

Box:City:NEWARK

State:NJ

ZIP:07105-3811

Country:US

CAGE:11212

Company Name:ENGELHARD INDUSTRIES, DIV OF ENGELHARD MINERALS

CAGE:KO599

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

Ingred Name:SILVER CYANIDE (SARA III)

CAS:506-64-9

RTECS #:VW3850000

Fraction by Wt: 100%

OSHA PEL:0.01 MG AG/M3

ACGIH TLV:0.01 MG AG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== Ha

zards Identification =====

Effects of Overexposure:EYES&SKIN-MAY PRODUCE RASH. INGEST-TOXIC.  
INHAL-RESPIR DEPRESS & CYANOSIS

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

First Aid:EYE-FLUSH W/WATER,SEE DOC. SKIN-REMOV CONTAM CLOTH,WASH  
CONTACT AREA W/SOAP & WATER. INGEST-GIVE 2 GLASSES WATER,INDUCE  
VOMIT & CALL PHY. INHAL-USE AMYL NITRATE UNDER NOSE,CALL PHYSICIAN.

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

Exting  
uishing Media:WATER MAY BE USED TO FIGHT A PROBLEM NEAR THIS  
MATL.

Fire Fighting Procedures:FIGHT FIRES FROM FIRE DISTANCE,SELF CONTAINED  
BREATHER.

Unusual Fire/Explosion Hazard:FIREFIGHTERS MUST USE SELF-CONTD BREATH  
APPARATUS & PROTECTIVE EQUIP. POSS PRODUCTION HYROGEN CYANID

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

Spill Release Procedures:EVACULATE AREA. COLLECT & ISOLATE FOR RECOVERY

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

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Handling and Storage Precautions:CORROSIVE TO EYES. CLASS B  
POISON.AVOID EXPOS TO LIGHT. PROTECT FROM PHYS DAMAGE. STORE IN  
COOL AREA AWAY FROM ACIDS.

Other Precautions:KEEP AWAY FROM HEAT,ACID.ACID,LIGHT,SKIN CONTACT AND  
FLOOD OR FOOD PRODUCTS.KEEP CONTAINER CLOSED AND STORE IN DRY  
PLACE.PURE SILVER CYANIDE EASILY POLYMERIZES,ADD STABILIZER TO  
PREVENT THIS.

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

Respiratory Protection:USE SELF-CONTAINED BREA  
THING APPARTUS

Ventilation:LOCAL OR MECHANICAL

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM-TYPE GOGGLES

Other Protective Equipment:NORMAL INDUSTRIAL PROTECTIVE CLOTHING &  
SHOES MUST BE WORN

Supplemental Safety and Health

HAVE CYANIDE FIRST AID KIT AVAILABLE.DECOMPOSES AT 608F/320C.

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

HCC:T2

Spec Gravity:3.95

Solubility in Water:INSOLBLE

Appearance and Odor:WHITE,ODORLESS POWDER

===== Stability and Reactiv

ity Data =====

Stability Indicator/Materials to Avoid: YES

ACIDS (REACTS WITH TO GIVEN OFF HYDROGEN CYANIDE GAS)

Stability Condition to Avoid: PROTECT FROM LIGHT & ACIDS

Hazardous Decomposition Products: HYDROGEN CYANIDE

Conditions to Avoid Polymerization: MAY HAVE POLYMERIZATION WITH ACIDS  
AND HEAT. NEEDS STABILIZED

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

Waste Disposal Methods: USE APPROVED HAZARDOUS WASTE DISPOSAL FACILITY

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