

LAMOTTE COMPANY -- ALKALINE POTASSIUM IODIDE AZIDE (CODE #7166) -- 6810-01-271-4046

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Product Identification
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Product ID:ALKALINE POTASSIUM IODIDE AZIDE (CODE #7166)

MSDS Date:04/23/1999

FSC:6810

NIIN:01-271-4046

Status Code:A

MSDS Number: CKGQG

=== Responsible Party ===

Company Name:LAMOTTE COMPANY

Box:329

City:CHESTERTOWN

State:MD

ZIP:21620

Country:US

Info Phone Num:410-778-3100

Emerge

ncy Phone Num:410-778-3100

Chemtec Ind/Phone:(800)424-9300

CAGE:34807

=== Contractor Identification ===

Company Name:KAMPI COMPONENTS CO., INC.

Address:210 RT 13

Box:721

City:BRISTOL

State:PA

ZIP:19007-3517

Country:US

Phone:215-736-2000

Contract Num:SP0450-00-M-D703

CAGE:7Z016

Company Name:LAMOTTE COMPANY

Address:802 WASHINGTON AVE.

Box:329

City:CHESTERTOWN

State:MD

ZIP:21620

Country:US

Phone:410-778-3100

CAGE:34807

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Composition/Information on Ingredients
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Ingred N

ame:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Minumum % Wt:60.
Maxumum % Wt:70.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM AZIDE (SARA III)
CAS:26628-22-8
RTECS #:VY8050000
< Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, C 0.1 PPM(HN3)
ACGIH TLV:C 0.11 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM IODIDE
CAS:7681-11-0
RTECS #:TT2975000
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Wt:14.
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: TO 100%

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: CORROSIVE TO ALL BODY
PARTS, EYES, SKIN.
Effects of Overexposure:SEVERE BURNS, MAY BE FATAL IF SWALLOWED

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.
CONSULT PHYSICIAN. SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER,
REMOVE AFFECTED CLOTHING AND FLUSH SKIN FOR 15 MINUTES. INGESTION:
DO NOT INDUCE VOMITING. RINSE MOUTH, DRINK GLASS OF WATER AND
CONSULT PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

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

Extinguishing Media:NOT A FIRE HAZARD.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING TO PREVENT INHALATION AND CONTACT WITH EYES.

Unusual Fire/Explosion Hazard:VIOLENT EXOTHERMIC REACTION OCCURS WITH
WATER. MAY PRODUCE ENOUGH HEAT TO IGNITE COMBUSTIBLES. CAN REACT
WITH METALS TO PRODUCE HYDROGEN, FORMING EXPLOSIVE MIX WITH AIR.

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

Spill Release Procedures:NEUTRALIZE BY CAREFULLY AND SLOWLY ADDING
DILUTE HYDROCHLORIC ACID (CONC, 6M, OR LESS) TO PH 7. COLLECT WASTE
LIQUID.

Neutralizing Agent:HYDROCHLORIC ACID

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE ITEMS
(ACIDS, METALS).

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NORMAL VENTILATION

Protective Gloves:YES

Eye Protection:YES

Other Protective Equipment:L

AB COAT

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND CLOTHING.

Supplemental Safety and Health

NONE

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

HCC:B1

pH:14

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, METALS

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:HYDROGEN GAS

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===== Toxicological Information =====

Toxicological Information:ORAL RAT LD50: 365 MG/KG FOR POTASSIUM
HYDROXIDE; 27 MG/KG FOR SODIUM AZIDE SOLID.

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

Waste Disposal Methods:SMALL AMT.