

LAMOTTE CHEMICAL PRODUCTS CO -- ALKALINE POTASSIUM IODIDE AZIDE,7166-G,74-6630 --
6810-01-271-4046

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

Product ID:ALKALINE POTASSIUM IODIDE AZIDE,7166-G,74-6630

MSDS Date:01/08/1992

FSC:6810

NIIN:01-271-4046

MSDS Number: BGS HK

=== Responsible Party ===

Company Name:LAMOTTE CHEMICAL PRODUCTS CO

Address:RT 213 N

Box:329

City:CHESTERTOWN

State:MD

ZIP:21620

Country:US

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Info Phone Num:410-778-3100

Emergency Phone Num:410-778-3100

CAGE:34807

=== Contractor Identification ===

Company Name:CAROLINA BIOLOGICAL SUPPLY CO

Address:2700 YORK RD

Box:City:BURLINGTON

State:NC

ZIP:27215-3387

Country:US

Phone:800-227-1150/910-584-0381

CAGE:59896

Company Name:LAMOTTE COMPANY

Address:802 WASHINGTON AVE.

Box:329

City:CHESTERTOWN

State:MD

ZIP:21620

Country:US

Phone:410-778-3100

CAGE:34807

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

Ingred Name:POTASSIU

M HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 59.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM AZIDE (SARA 302) (CERCLA)

CAS:26628-22-8

RTECS #:VY8050000

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, C 0.1 PPM(HN3)

ACGIH TLV:C 0.11 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

Fraction by Wt

: 14.4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 25.1%

Other REC Limits:NONE SPECIFIED

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE IRRITATION, SEVERE BURNS, PAIN, NAUSEA,
VOMITING

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:UNLIKELY.
EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
OPEN. SEE PHYSICIAN. SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15
MINUTES. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH
WITH WATER & DRINK A GLASS OF WATER. GET MEDICAL ATTENTION
IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire
Fighting Measures
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Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA. AVOID SKIN CONTACT. NEUTRALIZE
WITH 6M HCL AND FLUSH DO
WN DRAIN WITH EXCESS WATER OR ABSORB SPILL
WITH VERMICULITE OR OTHER INERT MATERIAL. PLACE IN A CONTAINER FOR
CHEMICAL WASTE. WAS H AREA WITH PLENTY OF WATER TO REMOVE RESIDUE.
Neutralizing Agent:SULFURIC, NITRIC, HYDROCHLORIC, PHOSPHORIC

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Handling and Storage
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Handling and Storage Precautions:STORE IN CLOSED CONTAINERS AWAY FROM
ACIDS. VIOLENT REACTION CAN OCCUR WHEN MIXED WITH ACID.
Other Precautions:WARNING! CORROSIVE. DO NOT BREATHE
MISTS. DO NOT GET
IN EYES, ON SKIN OR ON CLOTHING. KEEP OUT OF REACH OF CHILDREN.
WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED RESPIRATOR OR
AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED
POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENT

ILATION TO MEET TLV
REQUIREMENTS.

Protective Gloves:NITRILE, RUBBER, NEOPRENE, PVC

Eye Protection:SPLASH PROOF CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD
BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF
EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

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Physical/Chemical Properties =====

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

pH:14

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID - ODORLESS

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS

Stability Condition to Avoid:CONTACT WITH ACIDS

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Disposal Considerations =====

Waste Disposal Methods:WASTE DISPOSAL TO BE PERFORMED IN COMPLIANCE
WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. NEUTRALIZED
SOLUTION MAY BE FLUSHED DOWN DRAIN WITH EXCESS WATER IF ALLOWED.

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