

ALKALINE POTASSIUM IODIDE AZIDE,7166-G,74-6630

MSDS Number

BGSHK

National Stock Number

6810-01-271-4046

Product Name

ALKALINE POTASSIUM IODIDE AZIDE,7166-G,74-6630

Manufacturer

LAMOTTE CHEMICAL PRODUCTS CO

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: BGSHK

Responsible Party

LAMOTTE CHEMICAL PRODUCTS CO

RT 213 N

CHESTERTOWN , MD 21620

US

Emergency Phone: 410-778-3100

Info Phone: 410-778-3100

Cage: 34807

Contractor

LAMOTTE COMPANY

329

CHESTERTOWN, MD 21620

US

410-778-3100

Cage: 34807

Ingredients

POTASSIUM HYDROXIDE (CERCLA)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 59.5%

OSHA PELC 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9596

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM AZIDE (SARA 302) (CERCLA)

CAS: 26628-22-8

RTECS: VY8050000

Fraction By Weight: 1%
OSHA PELS, C 0.1 PPM(HN3)
ACGIH TLV: C 0.11 PPM; 9596
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

POTASSIUM IODIDE
CAS: 7681-11-0
RTECS: TT2975000
Fraction By Weight: 14.4%

WATER
CAS: 7732-18-5
RTECS: ZC0110000
Fraction By Weight: 25.1%

Hazards

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

First Aid

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.

Fire Fighting

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.

Accidental Release

Spill Release Procedures:VENTILATE AREA. AVOID SKIN CONTACT. NEUTRALIZE WITH 6M HCL AND FLUSH DOWN 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

Handling

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.

Exposure Controls

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 VENTILATION 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

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

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS
Stability Condition to Avoid:CONTACT WITH ACIDS

Disposal

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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