

## **MIL-E-24416A,POTASSIUM CARBONATE 42% SOLUTN**

### **MSDS Number**

BFBNX

### **National Stock Number**

6810-00-499-5825

### **Product Name**

MIL-E-24416A,POTASSIUM CARBONATE 42% SOLUTN

### **Manufacturer**

OCTAGON PROCESS INC

### **Product Identification**

Product ID:MIL-E-24416A,POTASSIUM CARBONATE 42% SOLUTN

MSDS Date:05/16/1990

FSC:6810

NIIN:00-499-5825

MSDS Number: BFBNX

### **Responsible Party**

OCTAGON PROCESS INC.

Emergency Phone: 201-945-9400

Preparer: IRIS CHARMS

Cage: 82925

### **Contractor**

OCTAGON PROCESS INC.

EDGEWATER, NJ 07020

US

201-945-9400

Cage: 82925

### **Ingredients**

POTASSIUM CARBONATE

CAS: 584-08-7

RTECS: TS7750000

Fraction By Weight: 42.0%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 58.0%

### **Hazards**

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:MAY IRRITATE SKIN, EYES,NOSE AND THROAT AND REPIRATORY TRACT.MISTING MAY CAUSE SNEEZING/COUGHING. CHRONIC:PROLINGED/REPEATED CONTACT WITH SKIN AND EYES MAY CAUSE CHEMICAL BURNS.

Explanation of Carcinogenicity:ITEM NOT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION:MIST MAY CAUSE COUGHING, OR SNEEZING. INGESTION:IRRITANT! CAN CAUSE IRRITATION TO MOUTH & GI TRACT. MAY ERODE TEETH. EYE/SKIN: CAN CAUSE SLIGHT TO MILD IRRITATION ON CONTACT. SPLASH MAY CAUSE SEVERE IRRITATION TO EYES. Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING CLEANUP PROCEDURES.CONTAIN SPILLAGE IN SUITABLE CONTAINER OR CONTAIN IN A HOLDING AREA.DO NOT ALLOW TO ENTER WATERWAYS.NEUTRALIZE WITH WEAK ACIDS AND FLUSH WITH PLENTY OF WATER.

Neutralizing Agent:BORIC ACID

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. FOR USE AS AN ELECTROLYTE IN NICKEL-CADMIUM BATTERIES ONLY.

## Exposure Controls

Respiratory Protection:NONE REQUIRED. ALWAYS USE NIOSH/MSHA APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation:NONE REQUIRED.

Protective Gloves:NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health  
NONE NORMALLY REQUIRED.

## Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.42

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS,ODORLESS SOLUTION.

Percent Volatiles by Volume:58

## Stability

Stability Indicator/Materials to Avoid:YES

REACTS W/ACIDS LIBERATING HEAT & CARBOB DIOXIDE.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

## Disposal

Waste Disposal Methods:FOR SMALL QUANTITIES: CAUTIOUSLY ADD TO A LARGE STIRRED EXCESS OF WATER. ADJUST THE PH TO NEUTRAL, SEPARATE OUT SOLIDS AND PACKAGE FOR DISPOSAL. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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