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## M A T E R I A L   S A F E T Y   D A T A   S H E E T

AMEREX CORPORATION  
 POST OFFICE BOX 81  
 TRUSSVILLE, ALABAMA 35173-0081

DATE PREPARED: 1/15/87SUPERCEDES: 11/1/85

RESPONSIBLE PERSONS: D. EMERICH OR D. ELLISON  
 TELEPHONE: (205)655-3271

## IDENTIFICATION

PRODUCT NAME: ~~MONNEX DRY CHEMICAL~~SYNONYMS:  $KC_2N_2H_3O_3$ 

## HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	OSHA PEL	ACGIH TLV
Potassium Imido Dicarboxamide	NA	NA	NA
Mica	NA	NA	NA
Silica	NA	NA	10mg/m <sup>3</sup>
Carbon	NA	NA	NA

## OTHER INGREDIENTS

MATERIAL	CAS NO.
None	

PHYSICAL AND CHEMICAL CHARACTERISTICS		
BOILING POINT (°F): NA	SPECIFIC GRAVITY (H <sub>2</sub> O=1): 0.6 (Bulk)	VAPOR PRESSURE (MM HG): NA
PERCENT VOLATILE (%): NA	VAPOR DENSITY (AIR = 1): NA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: 25%	REACTIVITY IN WATER: NA	MELTING POINT (°F): NA
pH: NA	APPEARANCE & ODOR: Off white powder; no odor.	
FLASH POINT (°F): NA	AUTO IGNITION TEMPERATURE (°F): NA	FLAMMABLE LIMITS IN AIR BY VOL.: NA
EXTINGUISHER MEDIA: None. This material is an extinguishing agent.		
SPECIAL FIRE FIGHTING PROCEDURES: None		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None		

PHYSICAL HAZARDS	
STABILITY: Stable	CONDITIONS TO AVOID: NA
INCOMPATIBILITY (MATERIALS TO AVOID): None known	
HAZARDOUS DECOMPOSITION PRODUCTS: NA	
HAZARDOUS POLYMERIZATION: Will not occur	
CONDITIONS TO AVOID: None known	

HEALTH EFFECTS AND FIRST AID

EFFECTS OF ACUTE OVEREXPOSURE FOR PRODUCT:

- EYES: Slight irritant.
- SKIN: Slight irritant.
- BREATHING: Irritant to the respiratory tract. Treat as a mineral dust.
- SWALLOWING: Ingestion of large quantity can lead to systemic alkalosis.

FIRST AID:

- IF IN EYES: Flush with water for 15 minutes. If irritation persists, seek medical attention.
- IF ON SKIN: Wash with soap and water. If irritation persists, seek medical attention.
- IF BREATHED: Remove victim to fresh air. If discomfort continues, seek medical attention.
- IF SWALLOWED: Rinse mouth and drink large amounts of water, induce vomiting and seek medical attention.

PRIMARY ROUTES OF ENTRY:

Eyes, Skin-Contact, Breathing, Swallowing

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None known

EFFECTS OF CHRONIC OVEREXPOSURE FOR PRODUCT:

May include respiratory problems

PRODUCT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC MONOGRAPHS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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**CONTROL MEASURES AND PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION (TYPE):**

Dust respirator required when TLV is exceeded. Nuisance dust (total) 15 mg/m<sup>3</sup>. Dust respirator recommended whenever airborne dust is present.

**VENTILATION:** GENERAL AREA: Recommended  
LOCAL EXHAUST: Recommended

**SKIN PROTECTION:**

Protective Gloves

**EYE PROTECTION:**

Safety Glasses

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**  
None required.

**WORK/HYGIENE PRACTICES:**

Use good personal hygiene and good housekeeping practices.

**SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in closed, moisture-free containers in cool, dry location. Avoid unnecessary dustiness.

**OTHER PRECAUTIONS:**

Do not cross contaminate with other extinguisher agents.

**STEPS TO BE TAKEN IN CASE PRODUCT IS RELEASED OR SPILLED:**

Contain and sweep up. Dispose of in accordance with local, state and federal regulations.

**HMS RATINGS:**

HEALTH 0  
FLAMMABILITY 0  
REACTIVITY 0

HMS HAZARD	INDEX
MINIMAL	0
SLIGHT	1
MODERATE	2
SERIOUS	3
SEVERE	4