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#31442, 31451, 31455, 31456

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MATERIAL SAFETY DATA SHEET

AMEREX CORPORATION
P. O. BOX 81, TRUSSVILLE, AL 35173-0081
RESPONSIBLE PARTY: MSDS COORDINATOR

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EMERGENCY TELEPHONE NO. DAY/NIGHT: CHEMTREC 1-800-424-9300

DATE PREPARED: 8-1-91
SUPERSEDES: 6-22-88

IDENTIFICATION

PRODUCT NAME: ABC DRY CHEMICAL
SYNONYMS: MULTI-PURPOSE DRY CHEMICAL, MAP, (MONO) AMMONIUM PHOSPHATE, ALL-PURPOSE DRY CHEMICAL

HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	OSHA PEL TWA - mg/m3	ACGIH TLV TWA - mg/m3
Mica	12001-26-2	3 Respirable Dust	3 Respirable Fraction
Kaolin	1332-58-7	10 Total Dust 5 Respirable Fraction	10 (c)

OTHER INGREDIENTS

MATERIAL	CAS NO.	OSHA PEL TWA - mg/m3	ACGIH TLV TWA - mg/m3
Monoammonium Phosphate	7722-76-1	15 Total Dust (a) 5 Respirable Fraction	10 (b)
Ammonium Sulfate	7783-20-2	15 Total Dust (a) 5 Respirable Fraction	10 (b)

- (a) Particulate matter not otherwise classified.
- (b) Particulate matter not otherwise classified. Total dust containing no asbestos & less than 1% crystalline silica.
- (c) Total dust containing no asbestos & less than 1% crystalline silica.

PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT (°F): NA	SPECIFIC GRAVITY (H ₂ O = 1): 0.85	VAPOR PRESSURE (MM HG): NA
PERCENT VOLATILE (%): NA	VAPOR DENSITY (AIR = 1): NA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Water repellent coated	REACTIVITY IN WATER: None	MELTING POINT(°F): NA
pH: 4.4	APPEARANCE & ODOR: Yellow powder. No characteristic odor.	
FLASH POINT (°F): None	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): Strong Alkalis, Mg, Sodium Nitrite, Swimming Pool Sanitizers (Inorganic Perchlorates, Sodium Dichloroisocyanurate Dihydrate, Trichloroisocyanuric Acid, Calcium Hypochlorite, Etc.)	
HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, Carbon Monoxide and Oxides of Nitrogen	
HAZARDOUS POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: NA

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EFFECTS OF ACUTE OVEREXPOSURE FOR PRODUCT:

EYES: Slight irritant.
SKIN: Slight irritant.
BREATHING: Irritant to respiratory tract. Treat as a mineral dust.
SWALLOWING: Harmful if swallowed. May cause sore throat, abdominal pain, nausea, vomiting.

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. Seek medical attention if discomfort continues.
IF SWALLOWED: Rinse mouth and drink large amounts of water. Do not induce vomiting. Seek medical attention.

PRIMARY ROUTES OF ENTRY: Eyes, Skin Contact, Breathing, Swallowing

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing respiratory disease.

EFFECTS OF CHRONIC OVEREXPOSURE FOR PRODUCT: No adverse chronic effects could be found for this substance.

PRODUCT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: <input type="checkbox"/> YES	IARC MONOGRAPHS: <input type="checkbox"/> YES	OSHA: <input type="checkbox"/> YES
<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> NO

CONTROL MEASURES AND PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION (TYPE): Dust respirator required when exposure limits are exceeded. 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 a 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 1
 FLAMMABILITY 0
 REACTIVITY 0

HMS HAZARD INDEX:

MINIMAL 0
 SLIGHT 1
 MODERATE 2
 SERIOUS 3
 SEVERE 4

The information provided herein is offered in good faith and is to the best of our knowledge current. Although certain hazards are described herein we cannot state that these are the only hazards which exist. Final determination of suitability and safe usage of this material is the sole responsibility of the user who is obligated to review this data in the specific context of the intended use and determine appropriateness. No guarantee is implied or expressed regarding the accuracy of this information or the use of this material since the conditions of use are beyond our control.