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MATERIAL SAFETY DATA SHEET
ABC 90 DRY CHEMICAL POWDER – POLVO QUÍMICO SECO ABC 90

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name / Label Name:	ABC 90% Made to Badger Formulation
CAS Number:	N/A
Chemical Name / Family	N/A It is a mixture
Synonyms:	ABC 90 fire extinguishing powder Multipurpose Fire extinguishing agent
Manufacturer's Name:	KIDDE DE MEXICO, S. A. de C. V.
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SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS N°	% w/w	OSHA PEL mg/m ³	ACGIH TLV mg/m ³	TOXICITY DATA
Monoammonium phosphate	7722-76-1	92 - 94	NONE	NONE	NONE
Mica	12001-26-2	1 – 3	3	3	NONE
Attapulugus clay	8031-18-3	2 - 4	NONE	NONE	NONE
Amorphous silica	7631-86-9	0.2 – 1.5	6	10	NONE
Methyl Hydrogen Polysiloxane	63148-57-2	0.4 – 1.0	NONE	NONE	NONE

SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point, °C:	N/A	Specific gravity (H₂O=1)	ABOUT 1.9	Viscosity @ 20°C:	N/A
Vapor pressure, mm Hg:	N/A	Percent volatile by volume:	N/A	Melting point, °C:	NDA
Vapor density (Air=1):	N/A	Evaporation rate (Butyl acetate=1)	N/A	Solubility in water:	22.7 g/100g
Reactivity in water:	Unreactive	Appearance and odor:	Odorless, pale yellow coloured fine powder		

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA			
Flash point:	N/A	Flammable limits in air, % by volume	N/A
Extinguishing media:	N/A – The product is a fire extinguishing agent		
Unusual fire and explosion hazards:	NONE		
Special fire fighting procedures:	The material is a fire extinguishing agent and will not burn. However, if other materials are involved, use standard chemical fire fighting procedures and consider the hazards of those materials. In enclosed areas, fire fighters must wear self-contained breathing apparatus and full protective equipment.		

SECTION 5 – REACTIVITY DATA			
Stability:	Stable	Conditions to avoid:	Extreme heat
Incompatibility (materials to avoid):	Strong alkalis. Do not mix with BC type dry chemical extinguishing agents.		
Hazardous decomposition products:	Ammonia, phosphorus oxides.		

SECTION 6 – HEALTH HAZARD DATA	
Threshold limit value:	ACGIH TLV for particulates not otherwise classified: 10 mg/m ³ OSHA PEL for nuisance dust limit total: 15 mg/m ³
Routes of entry:	Inhalation: YES; may be irritant to the respiratory tract. Eye contact: YES; mildly irritant for a short period. Skin contact: YES; may be mildly irritating. Ingestion: NOT an expected route of entry.
Signs and symptoms of overexposure:	Acute: Transient cough, shortness of breath, irritation of airways. Chronic: This product is not known to cause chronic illness.
Medical conditions generally aggravated by exposure:	Asthma, emphysema, bronchitis or other respiratory illness.
Chemical listed as carcinogen or potential:	NTP program: No IARC monographs: No OSHA: No
Emergency and first aid procedures:	Eye contact: Flush with large amounts of water for at least 15 minutes. If irritation persists, seek medical attention. Skin contact: Wash with soap and water. If irritation persists, seek medical attention. Inhalation: Move victim to fresh air. Seek medical attention if discomfort continues. Ingestion: Rinse mouth, drink large amounts of water and induce vomiting. Seek medical help.

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES	
Precautions to be taken in handling and storage:	Should be stored in original containers. Store in dry, cool, well-ventilated place away from alkaline compounds. Wash after handling. Do not cut, grind, weld or drill on or near product containers. Treat empty containers as if they were full.
Other precautions:	Do not mix with alkaline materials.
Steps to be taken in case materials is released or spilled:	Sweep up or vacuum. Store in covered containers. Do not reuse. In case of large spills, use rubber gloves, chemically resistant suit and boots, hard hat and air purifying respirator.
Waste disposal method:	Dispose of in compliance with local, state and federal regulations. Components are non hazardous, sanitary landfill disposal may be acceptable

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory protection:	Dust mask where dustiness is prevalent or TLV exceeded. Mechanical filter respirator if exposure is prolonged.
Ventilation:	Use adequate ventilation. Use fan or vent to outside.
Protective gloves:	Wear rubber gloves for routine industrial use.
Eye protection:	Recommended as mechanical barrier for prolonged exposure. Safety glasses or chemical type goggles.
Other protective equipment:	If irritation occurs, long sleeves and impervious gloves should be worn.
Work / Hygienic practices:	Use good personal hygiene and good housekeeping practices. Avoid breathing of dust. Wash with soap and water.

SECTION 9 – REGULATORY INFORMATION

U.S. OSHA HAZARD COMMUNICATION STANDARD	Product assessed in accordance with OSHA 20 CFR 1910.1200 and determined not to be hazardous.
RCRA INFORMATION	The unused product, in our opinion, is not specifically listed by the EPA as hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity, and is not formulated with contaminants as determined by the toxicity characteristics leaching procedure (TCLP). However, used product may be regulated.
SARA Reporting Requirements	No component of this product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.
TSCA Inventory status	Kidde de México certifies that the product described herein complies with all applicable rules or orders under TSCA and no chemical substance for entry in violation under TSCA or any applicable rule or order thereunder TSCA is being offered.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS

HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0
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HAZARD INDEX:

- 0 Minimal hazard
- 1 Slight hazard
- 2 Moderate hazard
- 3 Serious hazard
- 4 Sever hazard

GENERAL KEYS:

- N/A: Not applicable.
- NDA: No data available.

The information herein is given in good faith. It is based on available data and is believed to be true and accurate, but no warranty, expressed or implied, is made. Therefore, *KIDDE DE MEXICO* assumes NO responsibility for damage or injury from the use of the product described herein.