

## **SAFETY DATA SHEET FOR DRY POWDER FIRE EXTINGUISHERS**

<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>	
Chemical Name:	Dry extinguishing powder
Trade Name:	Dry Powder FIRE EXTINGUISHERS
Manufacturer:	MOBIAM S.A.
Address:	Kathiana Akrotiriou, Chania, PC 73100, Crete, Greece
Email:	<a href="mailto:info@mobiak.com">info@mobiak.com</a>
	<a href="http://www.mobiak.com">www.mobiak.com</a>

<b>SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS</b>		
Chemical Name	CAS Number	%
Mono ammonium phosphate	7722-76-1	20-95
Ammonium sulphate	7783-20-2	0-80
Mica	12001-26-2	1-4
Methyl H Polysiloxane	63148-57-2	0.3-1.5
Kaolin	1332-58-7	<0.5

<b>SECTION 3: HAZARD IDENTIFICATION</b>	
Emergency Overview:	Carbon Dioxide is colorless. At low concentrations, the gas is odorless. At higher concentrations it has a sharp, acidic odor. It will act as an asphyxiant and an irritant. Carbon Dioxide is a powerful cerebral dilator. At concentrations between 2 and 10%, Carbon Dioxide can cause nausea, dizziness, headache, mental confusion, increased blood pressure and respiratory rate. Above 8% nausea and vomiting appear. Above 10%, suffocation and death can occur within minutes. Contact with the cold gas can cause freezing of exposed tissue. Moisture in the air can lead to formation of carbonic acid that can irritate the eyes. All forms of Carbon Dioxide are noncombustible. Carbon Dioxide is heavier than air and should not be allowed to accumulate in low lying areas.
Inhalation:	May Cause Rapid Respiration, Muscular Incoordination, Fatigue, Nausea and Vomiting and Unconsciousness.
Ingestion:	No Information Found
Skin Contact:	Pressure drop Through Valves and Piping may Cause Extreme Cold and Frostbite on Contact
Eye Contact:	No Information Found
Chronic Exposure:	No Information Found

<b>SECTION 4: FIRST AID MEASURES</b>	
Inhalation:	Immediately Remove Victim to Fresh Air. If Breathing has Stopped, Give Artificial Respiration. If Breathing is Difficult, Give Oxygen and Get Medical Attention.

Ingestion:	Let water to be drunken in little sips (dilution effect)
Skin:	Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.
Eyes:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids, apart and consult an ophthalmologist

#### SECTION 5: FIRE FIGHTING MEASURES

Fire:	Product itself is fire extinguishing agent
Explosion:	Not Considered to be an Explosion Hazard. Cartridge Rupture may Occur Under Fire Conditions. Use What is Appropriate for Surrounding Fire.
Fire Extinguishing Media:	-
Special Information:	-

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. In case of dangerous gases, vapours or dusts self-contained breathing apparatus or suitable masks and filters need to be advised.

#### SECTION 7: HANDLING AND STORAGE

Advice on safe handling	Keep container tightly closed in a cool, well-ventilated place
Requirements for storage rooms and vessels	Keep container tightly closed. Store at temperatures not exceeding 60 °C/140 °F. Store in a dry place.
Further information on storage conditions	Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

#### SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Eye/face protection	Dust protection eye glasses
Personal Respirators:	Use a Self-Contained Breathing Apparatus in Case of Emergency or Non-Routine Use.
Skin Protection:	Loose Fitting Gloves or Impermeable Material, Such as Leather, When Working with Cold Liquid, Solid or Vapor.
Eye Protection:	Use Safety Glasses.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid
Colour:	white, light blue, yellow
Sustaining combustion:	Not sustaining combustion
Density (at 20 °C):	0.83 - 1.00 g/cm <sup>3</sup>
Solid content:	99.51 %

#### SECTION 10: STABILITY AND REACTIVITY

**FACTORY:**  
AKROTIRI CHANIA CRETE P.C 73100  
TEL: +30 2821063222, FAX: +30 28210 66260  
**CENTRAL, SOUTH. & INS. GREECE:**  
SXINEZA ASPROPIRGOS, Attica P.C 19300  
TEL: +30 210 4614006, FAX: +30 210 5595986

**DISTRIB. CENTER NORTH. GREECE & BALKAN AREA:**  
8 ARKADIOU STR. KALOCHORI, THESSALONIKI P.C 57009  
TEL: +30 2310 785668, FAX: +30 2310 574793  
**DISTRIB. CENTER CENTRAL & EASTERN CRETE:**  
P' STR. INDUSTRIAL ZONE OF HERAKLION  
CRETE, P.C 71601, TEL- FAX: +30 2810 333151

General Reactivity:	none
Chemical stability	The substance is chemically stable under recommended conditions of storage, use and temperature.
Possibility of hazardous reactions	none
Incompatible materials	none
Hazardous decomposition products	none

SECTION 11: TOXICOLOGICAL INFORMATION	
Acute toxicity	Based on available data, the classification criteria are not met.
Irritation and corrosivity	Based on available data, the classification criteria are not met.
Sensitising effects	Based on available data, the classification criteria are not met.
Carcinogenic/mutagenic/toxic effects for reproduction	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION	
Toxicity	There are no data available on the mixture itself.
Persistence and degradability	There are no data available on the mixture itself.
Bioaccumulative potential	There are no data available on the mixture itself.
Mobility in soil	There are no data available on the mixture itself.
Results of PBT and vPvB assessment	There are no data available on the mixture itself.
Other adverse effects	There are no data available on the mixture itself.

SECTION 13: DISPOSAL CONSIDERATIONS	
Advice on disposal	Material recycling possible. "Avoid discharge to a wastewater treatment system. Reduce discharge rate if foaming occurs. Larger quantities may adversely affect biological wastewater treatment systems. Incinerate large quantities in an industrial or commercial incinerator. Since regulations vary, consult applicable regulations or authorities before disposal."
Waste disposal number of waste from residues/unused products	160304, WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes other than those mentioned in 16 03 03
Contaminated packaging	on-contaminated packages may be recycled. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: TRANSPORT INFORMATION	
Shipping Name:	FIRE EXTINGUISHER WITH DRY POWDER AS AN AGENT
Hazard Class:	2.2 (NON-FLAMMABLE GAS)
Identification No.:	UN1044

#### SECTION 15: REGULATORY INFORMATION

National regulatory information	D
Chemical safety assessment	For this mixture a chemical safety assessment has been carried out.

#### SECTION 16: OTHER INFORMATION

Further Information	The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
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