

SAFETY DATA SHEET FOR WATER BASED FIRE EXTINGUISHERS

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
Chemical Name:	Water Based extinguishing agent
Trade Name:	Water Based FIRE EXTINGUISHERS
Manufacturer:	MOBIAK S.A.
Address:	Kathiana Akrotiriou, Chania, PC 73100, Crete, Greece
Email:	info@mobiak.com
	www.mobiak.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS		
Chemical Name	CAS Number	%
Water	7732-18-5	20-99
Sodium octyl sulphate	142-31-4	25-35
2-(2-butoxyethoxy)ethanol	112-34-5	5-15
Benzotriazole	95-14-7	0.5-3
1,2-Benzisothiazol-3(2H)-one	1332-58-7	0-0.02
Ethenediol	107-21-1	1-5

SECTION 3: HAZARD IDENTIFICATION	
Ingestion:	Burning sensation. Cough. Cramps. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard. Must not come into contact with food or be consumed.

SECTION 4: FIRST AID MEASURES	
Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Ingestion:	Call a poison center or a doctor if you feel unwell.
Skin:	Wash skin with plenty of water
Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

SECTION 5: FIRE FIGHTING MEASURES	
Fire:	Product itself is fire extinguishing agent
Explosion:	Not Considered to be an Explosion Hazard. Use What is Appropriate for Surrounding Fire.
Fire Extinguishing Media:	-
Special Information:	-

SECTION 6: ACCIDENTAL RELEASE MEASURES

Do not handle until all safety precautions have been read and understood.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling	Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
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	Chemical goggles or safety glasses
Personal Respirators:	In case of insufficient ventilation, wear suitable respiratory equipment
Skin Protection:	Wear suitable protective clothing
Eye Protection:	Chemical goggles or safety glasses

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Colour:	-
Sustaining combustion:	-
Density (at 20 °C):	1,06-1,09 g/cm ³
Solid content:	-

SECTION 10: STABILITY AND REACTIVITY

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 WATER BASED 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.