



# BIOMIMETIC TECHNOLOGY LTD

COMPANY NUMBER 6861757

## MATERIAL DATA SAFETY SHEET

Issued by Mats Nilsson	Date of revision 2020-10-23	Edition number 1	This edition replace
Product denomination			

### 1 PRODUCT IDENTIFICATION AND NAME OF THE COMPANY

Product name                    **MHE®**

Application                      Liquid, Flame retardant additive

Manufacturer                    **JL Kemi AB**  
Nitarevägen 3  
691 37 Karlskoga  
Sweden  
Tel: +46 (0)73 893 59 50

### 2 COMPOSITION/IDENTITY INFORMATION

Hazardous components	CAS-no	EINECS-no	%	Danger code	Risk phrases
MHE		436-091-3		Xi	36/37/38

### 3 HAZARD IDENTIFICATION

Health hazard                    None

### 4 FIRST AID MEASURES

Inhalation                        Fresh air.

Skin contact                      Wash with soap and water.

Eye contact                        Rinse carefully with water. Call for a doctor if troubles remain.

Ingestion                         Give a few glasses of milk or water if the person is fully conscious and try to cause vomiting. Rinse the mouth with water.

### 5 FIRE FIGHTING MEASURES

Dangerous breaking down-  
product/ gases                    None

Special protective equipment  
for fire-fighters                    None

### 6 ACCIDENTAL RELEASED MEASURES

Ordinary measure                    Sweep with a suitable absorbent and collect.

Protective equipment for  
clearance personal                    Protective equipment such as gloves and clothes in case of direct contact.



# BIOMIMETIC TECHNOLOGY LTD

COMPANY NUMBER 6861757

## MATERIAL DATA SAFETY SHEET

### 7 HANDLING AND STORAGE

Ventilation with handling	Well ventilated area if there is some contact with the product.
Recommended temperature with handling	Normal room temperature.
Requirement for storage and packing	Well ventilated area when large quantities can generate carbon dioxide when storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Specific measure for reducing exposure	Workplace and working methods shall be worked out so that a direct contact with the product will be prevented.
Gloves	Rubber gloves when risk for direct contact.
Eye protection	Protective goggles.
Inhalation	Protective mask.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Slightly transparent / slightly opacity - white
Odour	none
Solubility in water	Yes
Density (kg/m <sup>3</sup> )	1100-1600
Melting point	N/A
Decomposition point	> 300 °C

### 10 STABILITY AND REACTIVITY

Material to avoid	In-organic alkalis and acids.
Hazardous conversion and/ or decomposition products	No hazards have been classified according to ECHA/REACH pesticide register

### 11 TOXICOLOGICAL INFORMATION

Skin	Repeated exposure may cause skin dryness or cracking.
Eye	liquid in eyes may cause irritation and pain.
Lungs	Constant inhalation of vapour without a protective mask might cause irritation and cough.



# BIOMIMETIC TECHNOLOGY LTD

COMPANY NUMBER 6861757

## MATERIAL DATA SAFETY SHEET

### 12 ECOLOGICAL INFORMATION

Toxicity to aquatic organisms	No
The input products degradable into the waste	Easy degradation.

### 13 DISPOSAL CONSIDERATION

Handling of rest product	Smaller quantity can be put into waste. When larger quantities contact the community or approved contractor.
Handling of contaminated packaging	Well empty and rinsed packaging can be re-used or sent to destruction.
Dangerous waste	No

### 14 TRANSPORT INFORMATION

Other	Non-dangerous goods.
-------	----------------------

### 15 REGULATORY INFORMATION

Dangerous symbols with dangerous code	Not regulated.
Input product in EINECS	Yes

### 16 OTHER INFORMATION

R-phrase from point 2	R36/37/38, irritating to eyes, respiratory system and skin.
Training for handling	No
References	ECHA / REACH – hazard classification & labelling
Other	The information in this MSDS is based at our existing knowledge from a safety point of view.