



## According to Directive 91/155/EU

### 1. Identification of the substance / product and of the company

- 1.1 Product name:** AflaCLEAN M1 SMART
- 1.2 Product number:** 14246 / 14248 / 14249
- 1.3 Application / relevant identified use:** Sample preparation / Mycotoxin analysis
- 1.4 Details of supplier:** LCTech GmbH  
Daimlerstr. 4  
D-84419 Obertaufkirchen  
Germany  
Tel. +49 8082 2717-0  
Fax +49 8082 2717-100
- Contact for technical spec. Laboratory Biotechnology

### 1.5 Emergency telephone number

*Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463*

### 2. Composition / ingredients

- Material: Soft gel  
Monoclonal antibody directed against aflatoxin M1  
PBS-buffer  
sodium azide (CAS No. 26628-22-8)  
(EG-Nr. 247-852-1); Conc. <0.02 %;  
(Acute Tox. 2 (Acute toxicity (oral), Category 2, H300)  
Aquatic Acute 1 (Hazardous to the aquatic environment:  
Acute hazard, Category 1, H400)  
Aquatic Chronic 1 (Hazardous to the aquatic  
environment: Chronic hazard, Category 1, H410))

### 3. Hazard identification

- Signal word: No signal word
- Hazard statements: -
- Precautionary statements: -

### 4. First aid measures

- General advises: no
- After inhalation: not applicable
- After skin contact: washing hand thoroughly with water
- After contact with the eyes: not applicable
- After swallowing: not applicable



## 5. Fire fighting measures

Extinguishing media: not applicable  
Special hazards arising from the substance or mixture: not necessary

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Not necessary

### 6.2 Environmental precautions

Not necessary

### 6.3 Methods and material for containment and cleaning up

Remove remaining liquid with binder and remove material according to 13.  
Clean working area with water. Flush used water into drains.

## 7. Handling / storage

### 7.1 Precautions for safe handling

No special action necessary

### 7.2 Conditions for safe storage

Store at: +4 °C to +8 °C

Special advises for storage: Do not freeze

## 8. Exposure controls / personal protection

General protection advises: Keep away and do not mix with food stuff.  
Dirty clothes/coats should be washed before reusing.  
After work wash hands thoroughly.

Respiratory protection: not necessary  
Protection of hands: the usage of appropriate gloves is advisable.  
Protection of eyes: not necessary

## 9. Physical and chemical properties

Not necessary



## 10. Stability and reactivity

Shelf-life: according to the appropriate storage conditions see package or certificate of analysis  
Reactivity: no data available

## 11. Toxicological information

### Acute toxicity

Components which may contribute to acute oral toxicity:

sodium azide (0,02 %), LD 50 (oral): ATE 5 mg/kg.

Calculate an estimated value for the acute oral toxicity ATE (mix): 25000 mg/kg

## 12. Ecological information

Components which may contribute to acute hazard to the aquatic environment:

*sodium azide* (0,02 %), M-Factor:

The mixture is not classified in this Hazard Category.

Components which may contribute to chronic hazard to the aquatic environment:

*sodium azide* (0,02 %), Category 1, M-Factor:

The mixture is not classified in this Hazard Category.

## 13. Disposal considerations

Disposal recommendations: Please observe local regulations for collection and disposal of hazardous waste.

Outer packing: paper waste

## 14. Transport information

No restrictions

## 15. Regulatory information

Labeling according to EU regulation:

Letter for toxicity identification: not necessary

Chemical safety assessment: not necessary

National labeling and toxicity identification: WGK2



## 16. Further information

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Material safety data sheet provided by

Dr. Frederik Wuppermann

Head of Biotechnology Laboratory

Material safety data sheet provided:

19/03/2024