



## According to Directive 91/155/EU

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

- 1.1 Product name:** AflaCLEAN Select 3 mL
- 1.2 Product number:** 12058 / 12059 / 12419
- 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 B/G type  
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