

Material Safety Data Sheet

according to Directive 91/155/EU

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

1.1 Product name: AflaCLEAN SMART

1.2 Product number: 12862 / 12863 / 12963

1.3 Application / relevant identified use: Sample preparation / Mycotoxin analysis

1.4 Details of supplier: LCTech GmbH
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Laboratory Biotechnology

Contact for technical spec.

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:

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