



1. Company Identification and Product Information

Product name TR-A100/TQC-A100/CTRM-A100, TR-A500, TR-A1000

Other means of identification

Description Aflatoxins in grains

Recommended use and/or restrictions

For laboratory use only, not fit for human consumption.

Manufacturer/Supplier information

Company Name Trilogy Analytical Laboratory, Inc.

Address 870 Vossbrink Dr.
Washington, MO 63090

Phone (636) 239-1521

Toll Free (855) 256-8244

Fax (636) 239-1531

Website www.trilogylab.com

2. Hazard(s) Information

Health hazard(s) (acute and chronic)

When used and handled according to specifications, this product does not have harmful effects, according to our knowledge, towards humans and/or the environment.

3. Composition/Information on Ingredients

Hazardous components

<u>Specific Chemical Identity</u>	<u>CAS-No.</u>	<u>%</u>	<u>Hazard Symbol</u>
Any toxin(s) present in this material are at concentration levels below the regulatory threshold limits which require registration under the Select Agent Program as detailed in 42 CFR Part 73, 9 CFR Part 121, and 7 CFR Part 331.	N/A	N/A	N/A

Note: This is an agricultural product naturally contaminated with mycotoxins. As with any agricultural product, unknown components such as other mycotoxins, bacteria, fungal spores, insect debris, pesticide residues, and other unknowns could be present.



4. First Aid Measures

Inhalation	Seek medical attention if breathing becomes difficult or labored.
Skin contact	Wash skin with soap and water, seek medical attention if irritation develops.
Eye contact	Rinse open eye under running water for at least 15 minutes. Seek medical attention if irritation develops.
Ingestion	If swallowed, seek immediate medical attention.
Important symptoms, both acute and delayed	When handled properly there are no acute or delayed symptoms to our knowledge.
Indication of any immediate medical attention and special treatment	No data available.

5. Fire and Explosion Hazard Data

Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Protective equipment	Firefighters should wear protective equipment and a self-contained breathing apparatus.
Chemical hazards from fire	No data available.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions	Prevent dispersion of material. Wipe up with damp sponge or mop.
Clean-up measures	Contact safety officer if questions arise.

7. Handling and Storage

Precautions for safe handling	Ensure proper ventilation/exhaustion. Avoid contact with skin and eyes. Wear proper PPE while handling material.
Conditions for safe storage, including any incompatibilities	Storage area should be cool and dry. There are no known incompatibilities.
Other precautions	Use the same caution when handling this sample as with any other agricultural product with unknown hazards.



8. Exposure Controls/Personal Protection

OSHA-PEL N/A

ACCIH-TLV: N/A

Components with workplace control parameters

N/A

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the work day. Avoid contact with eyes, skin, and clothing. Proper ventilation required.

Personal protective equipment

Keep away from food, beverages, and feed.

Eye/face protection

Safety glasses with side shields.

Breathing equipment

In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.

Hand protection

Handle with chemical-resistant gloves.

Body protection

Wear a lab coat or other protective clothing.

9. Physical and Chemical Properties

Appearance and odor No data available.

Boiling Point No data available.

Melting Point No data available.

Density No data available.

pH No data available.

Flash point No data available.

Flammability No data available.

Explosive Properties No data available.

10. Stability and reactivity

Reactivity No data available.

Stability Stable under normal storage conditions. Avoid excess heat.

Possibility of hazardous reactions

No data available.



Incompatibility (materials to avoid)

No data available.

Hazardous decomposition or byproducts

No data available.

Conditions to avoid Excessive heat.

11. Toxicological Information

Effects of short-term exposure

No data available.

Effects of long-term exposure

No data available.

LD/LC50 values Not applicable.

Carcinogenicity classification

IARC Not applicable.

NTP Not applicable.

Irritant No irritating effects known.

Sensitization No sensitizing effects known.

Acute/chronic effects No acute or chronic effects known.

Reproductive effects No reproductive effects known.

12. Ecological Information

Eco toxicity tests No data available.

13. Disposal Considerations

Waste disposal method for unused product and contaminated packaging

Dispose of in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations and the European Waste catalogue, 94/3/CE and 75/442/CE.

Container information Do not remove labels from containers until they have been properly cleaned.

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

14. Transport Information

DOT Regulations Not regulated for transport.

Land transport ADR/RID (cross border)

Not regulated for transport.

Maritime transport IMDG

Not regulated for transport.



Marine pollutant No.
Air transport ICAO-TI and IATA-DGR
Not regulated for transport.

15. Regulatory information

EU regulations, hazard symbol(s)

Risk phrases Not applicable.

Safety phrases Not applicable.

16. Other information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Trilogy Analytical Laboratory shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with any state, municipal, or insurance requirements, and constitute no warranty.