

1. Identification of substance/mixture and contact

Trade name:	Milenia® GenLine A. <i>acidoterrestris</i> / <i>Guaiacol-Ident Kit</i>
Cat.-No.	MGAaG Z
Intended use:	Reagents for qualitative detection of the juice-damaging organism <i>A. acidoterrestris</i> and the ability of guaiacol formation
Manufacturer/supplier:	Milenia Biotec GmbH Versailler Straße 1, 35394 Gießen (Deutschland) Phone: +49 (0)641-94 888 3-0, Telefax: +49 (0)641-94 888 3-80 E-mail: info@milenia-biotec.de Internet: http://www.milenia-biotec.de
Emergency Call:	See your local poison information center!

2. Possible Hazards

Classification of substance/mixture:	no single substances - kit is classified as a mixture
Declaration of hazards:	no information necessary
Specific hazards:	no information necessary

3. Composition/Information on components

Description:	PCR kit for qualitative detection of the juice-damaging Organism <i>A. acidoterrestris</i> and the ability of guaiacol formation
Ingredients of the kit:	<ul style="list-style-type: none">• PCR Primer Mix (1x; MGPAaG)• PCR-Polymerase Master Mix (1x; MGPOL)• PM Positive Control (MGAaGPC)• PCR- Water (MGH2O)
Identification of ingredients:	None
Additional information:	No need for declaration

4. First-aid-steps

Due to the low concentration of chemicals and the chromatographic nature of the assay personal damages are extremely unlikely if the test is done according to the instructions. So far no injuries have been reported that could be linked to the use of the lateral flow immunoassay. For safety reasons general First Aid measures for chemical substances will be listed nevertheless.

Inhalation:	Remove source of exposure; take person outside at fresh air
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Skin contact:	Remove source of exposure; wash affected area with water
Eye contact:	Remove source of exposure; wash with copious amounts of water
Ingestion:	Drink copious amounts of water
General advice:	If irritation or signs of toxicity occur, seek medical attention

5. Fire and Explosion Hazard Data

Extinguishing media:	Water spray, Foam, CO ₂ , Dry Chemical
Special hazards and safety measures in case of fire:	Special protection in case of fire-fighting is generally recommended

6. Accidental Release

Personal precautions:	Wear protective clothes, remove unprotected persons
Environmental precautions:	not necessary
Procedures for cleaning/collecting:	Spilled liquid should be wiped away with absorbent material and be submitted to disposal
Additional advice:	No hazardous compounds are released

7. Handling and storage

Protective measure for safe handling:	No special measures required, observe instructions for use
Conditions for safe storage:	see package insert

8. Exposure control and personal protection

Addition information about design of technical facilities:	not necessary
General protective and hygiene measures:	Keep away from food and beverages Wash hands
Protection of hands/eyes:	Protective lab glasses, gloves
Personal protection:	Laboratory clothes
Respiratory protection:	not necessary

9. Physical and chemical properties

	Components			
	MGPAAg	MGPOL	MGAaGPC	MGH2O
Form	liquid	liquid	liquid	liquid
Colour	colourless	colourless	colourless	colourless
Odour	No smell	No smell	No smell	No smell
pH (20°C)	~ pH 8	Not determined	~ pH 8	Not determined
Melting point/ Freezing point	undetermined	undetermined	undetermined	undetermined
Boiling point (°C)	~ 100°C	~ 100°C	~ 100°C	~ 100°C
Burning point (°C)	Not applicable	Not applicable	Not applicable	Not applicable
Evaporation rate	Not determined	Not determined	Not determined	Not determined
Ignition temperature	Not determined	Not determined	Not determined	Not determined
flammability	Not applicable	Not applicable	Not applicable	Not applicable
Relative vapour pressure	Not determined	Not determined	Not determined	Not determined
Relative vapour density	Not determined	Not determined	Not determined	Not determined
Solubility in / Miscibility with water	Fully miscible	Fully miscible	Fully miscible	Fully miscible
Self-ignition (°C)	Product is not self-igniting	Product is not self-igniting	Product is not self-igniting	Product is not self-igniting

10. Stability and reactivity

Conditions to be avoided:	light (MGPAAg), heating up, drying up, temperature below -20°C (MGPOL)
Compounds to be omitted:	No further relevant information available
Hazardous products of decomposition:	No dangerous decomposition products known

11. Toxicological information

Primary irritant effect on the eyes / skin:	Data concerning the toxicity of this product in the existing dilution are not available
Sensitization of respiratory system / skin:	No irritant effect known
Additional information:	The product should be used taking the usual precautions for handling chemicals

12. Ecological information

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

13. Disposal considerations

Procedure of disposal:	Disposal must be made according to official regulations
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14. Transport information

UN-transport identification ADR/RID: not subject
Hazard category for transportation: not applicable
Environmental risks: none
Special information for the user: see chapter 6 to 8

15. Regulations

Labeling according to EC Directives: no classification
Risk (H) and safety (P) phrases: not necessary

National Regulations

Water hazard class: WGK 1: slightly hazardous to water
Chemical Safety Assessment: not necessary

16. Other information

Changes compared to revised version: ---

The given information is based on the current state of knowledge but does not guaranty product performances and cannot be used as basis for legal disputes.

Material Safety Data Sheet issued by:

S. Mauracher
Safety Officer for Medical Devices

Date of issue of the Material Safety Data Sheet:

15.07. 2018
date