

SAFETY DATA SHEET

1. Product and company identification

Product name: InnoTyper® 21 Human DNA Typing Kit Allelic Ladder
Product code: 21109-AL
Material uses: Analytical reagent
Supplier/Manufacturer: InnoGenomics Technologies
1441 Canal Street
Suite #307
New Orleans, LA 70112
+1 504-598-5235

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazard Identification

In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

3. Composition/information on ingredients

No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

Skin contact: Rinse with plenty of water. If symptoms arise, call a physician.
Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation: Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.
Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

6. Accidental release measures

Personal precautions: Use personal protective equipment.
Methods for clean up: Soak up with inert absorbent material.
Environmental precautions: Prevent further leakage or spillage, if safe to do so. See Section 12 for additional information.

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7. Handling and storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advice required.

Storage: Keep in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Engineering measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection:	Impervious gloves.
Eye protection:	Safety glasses with side-shields.
Skin and body protection:	Lightweight protective clothing.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering drains.

9. Physical and chemical properties

General Information

Form	liquid	
Appearance	No information available	
Odor	No information available	
Boiling Point/Range	°C no data available	°F no data available
Melting Point/Range	°C no data available	°F no data available
Flash Point	°C no data available	°F no data available
Autoignition Temperature	°C no data available	°F no data available
Oxidizing Properties	No information available	
Water Solubility	Soluble	

10. Stability and reactivity

Stability: Stable under normal conditions.

Materials to avoid: No dangerous reaction known under conditions of normal use. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

Hazardous decomposition products: None under normal use.

Polymerization: Hazardous polymerization does not occur.

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11. Toxicological information

Principle Routes of Exposure/ Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	
Ingestion	May be harmful if swallowed.
Carcinogenic effects:	none
Mutagenic effects:	none
Reproductive toxicity:	none
Sensitization:	none
Target Organ Effects:	No known effects under normal use conditions.

12. Ecological information

Ecotoxicity effects:	No information available.
Mobility:	No information available.
Biodegradation:	Inherently biodegradable.
Bioaccumulation:	Does not bio-accumulate.

13. Disposal considerations

Dispose of in accordance with local regulations.

14. Transportation information

IATA

Proper Shipping Name:	Not classified as dangerous in the meaning of transport regulations.
Hazard Class:	None
Subsidiary Class:	None
Packing Group:	None
UN-No:	None

15. Regulatory Information

U.S. Federal Regulations

16. Other information

Labelling: In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

National Inventory Status - European Union

EINECS:	All components of this substance are listed on or are exempt from the inventory.
NLP:	All components of this substance are listed on or are exempt from the inventory.
ELINCS:	All components of this substance are listed on or are exempt from the inventory.

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Notice to reader

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. The information contained in this document is based on InnoGenomics' state of knowledge at the time of preparation.

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End of Safety Data Sheet