

Section 1: Product and Company Information

Product Title: ig™ Mutation Detection Kit

Catalog Number: 3173, 3176

Company Identification:

Intact Genomics
1100 Corporate Square Drive, Suite 257
St. Louis, MO 63132
USA

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For research use only. Not for use in diagnostic procedures

Section 2: Hazards Identification

Classification: Not considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Section 3: Composition/Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health, however, we recommend handling all chemicals with caution

Section 4: First aid measures

Skin contact: Rinse thoroughly with water for several minutes.

Eye contact: Rinse thoroughly with water for several minutes. Then consult a doctor

Ingestion: Do not induce vomiting; immediately call for medical help.

Inhalation: Remove to fresh air. Then consult a doctor if necessary.

Notes to Physician: Treat symptomatically

Section 5: Firefighting measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the product: N/A

Personal precautions: As in any fire, wear self-contained breathing apparatus and protective suit.

Section 6: Accidental release measures

Personal precautions: Wear/use personal protective equipment that is described in section 8.

Clean up/containment method: Soak up with inert absorbent material and prevent further leakage or spillage if it is safe to do so.

Section 7: Handling and Storage

Handling: Always wear recommended PPE.

Storage: Please refer to Intact Genomics Manual/Instructions document.

Section 8: Exposure controls/personal protection

Chemical Name	OSHA PEL
Glycerol	15 mg/m ³ mist, total particulate 5 mg/m ³ mist, respirable fraction

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering measures: Ensure showers and eyewash stations available.

Personal Protective Equipment: Requirements for PPE are dependent on the risk assessment completed by the user's institution and specific laboratory in which material is to be used.

Appropriate PPE includes: Safety glasses with side shields (or goggles), lightweight protective clothing, impervious gloves, use in well ventilated areas, and handling in accordance with food industrial hygiene and safety practice.

Section 9: Physical and chemical properties

General Information:

Form: Liquid

Appearance: Clear

Odor: odorless

Additional information with regards to the physical and chemical properties of this material is unavailable.

Section 10: Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: No data available.

Possibility of hazardous reactions: Hazardous reaction has not been reported.

Conditions to avoid: None under normal processing.

Hazardous decomposition products: none under normal conditions.

Section 11: Toxicological Information

Information regarding likely routes of exposure:

Inhalation: May be harmful by inhalation

Eye Contact: May cause eye irritation

Skin Contact: May cause skin irritation

Ingestion: May be harmful if swallowed

Additional Information: The product should be handled with the normal caution accorded to chemical handling. Additional harmful properties should not be ruled out.

Section 12: Ecological information

Ecotoxicity: No information available

Marine Pollutant: No information available

Biodegradation: Inherently biodegradable

Bioaccumulation: Material does not bioaccumulate

Section 13: Disposal considerations

Always dispose of contents and containers in accordance with local regulations

Section 14: Transport information

Not regulated by the Department of Transportation

Section 15: Regulation Information

US Federal Regulations:

SARA 313: Product not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contain HAP's

CWA: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act

California Proposition 65: This product does not contain any Proposition 65 chemicals

Section 16: Other Information

Revision Date: 02/01/19

Disclaimer: The information provided above is correct to the best of our knowledge and is to be used only as a guide. The information is designed as a guide for safe handling, use, processing, storage, transportation, release, and disposal of this product. This information is not to be considered as a warranty or quality specification. The information also relates only to this specific product and may not

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