Section 1: Product and Company Information

Product Title: ig™ SS320 Phage Display Cells

Catalog Number: 1272-12, 1272-24, 1274-24, 1274-48

Company Identification:

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

Telephone number: 855-835-7172

Fax: 314-942-3656

Email: sales@intactgenomics.com

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 satiations 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 if 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

be valid for any other material or method not specified used in combination with this product. As there are methods, volumes, and conditions of use that are out of the company's control, the company shall not be held liable for any damages or losses resulting from handling or from products as described herein.