

Material Safety Data Sheet

Validation Date: November 30, 2015

1. Identification of products and company

Product Name: Open Reading Frame clones

Manufacturer: GenScript, Inc.

Contact: 1-732-885-9188 (Tel) or 1-732-210-0262 (Fax), order@genscript.com

Component/Item: Complementary DNA (cDNA) clones dried in individual micro-centrifuge tubes (1.5ml)

2. Composition and Information on Hazardous (OSHA) Ingredients

The product contains no substances which are considered to be hazardous to health at their given concentration.

3. Hazards Identification

Primary Routes of Entry: Inhalation (No), Skin contact (Yes), Eye contact (Yes), Ingestion (Yes), Skin Absorption (No), Chronic Exposure (No).

Medical Conditions Aggravated by Exposure: Not available.

Potential Acute Health Effects: Adverse health effects are not expected from the use of this product.

Carcinogenic Effects: Not listed by NTP, IARC or OSHA.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

4. First Aid Measures

General advice: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact: Wash off immediately with plenty of water for at least 15 minutes.

Inhalation: Move to fresh air

Ingestion: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Not an expected route of exposure.

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

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Soak up with inert absorbent material.

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860 Centennial Ave., Piscataway, NJ 08854, USA

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7. Handling and Storage

Advice on safe handling: Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

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

8. Exposure Controls and Personal Protection

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

Engineering Measures: Ensure adequate ventilation, especially in confined areas

Personal Protective General Information: These recommendations apply to the product as supplied.

Personal Respiratory protection: None required under normal usage.

Personal Eye/Face Protection: Safety glasses with side-shields

Personal Skin and body protection: Wear suitable protective clothing. Protective shoes or boots.

Personal Hand Protection: Latex gloves

Hygiene measures: When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: Prevent product from entering drains

9. Physical and Chemical Properties

Appearance: Clear, colorless solution

Odor: Odorless

Physical State: Liquid

pH: No information available

Water Solubility: Soluble in water

Boiling point/boiling range (°C): No information available

Melting point (°C): No information available

Flash point (°C): No information available

Specific Gravity: No information available

Vapor Density & Pressure: No information available

10. Stability and Reactivity

Stability: Stable under normal conditions.

Materials to avoid: No dangerous reaction known under normal use

Hazardous decomposition: None under normal use

Products polymerization: Hazardous polymerisation does not occur

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11. Toxicological Information

Acute and chronic toxicity: NA

12. Ecological Information

Ecotoxicity effects: No information available

Mobility: No information available.

Biodegradation: Inherently biodegradable

Bioaccumulation: Does not bioaccumulate

13. Disposal Considerations

Please consult local, state and federal regulation on additional guidance on disposal.

14. Transport Information

DOT/IATA: This substance is considered to be non-hazardous for transport.

15. Regulatory Information

US Classification and Label Text: The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise due care.

United States Regulatory information - SARA Listed: SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found.

Canada Regulatory Information -WHMIS Classification/DSL/ NDSL: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR. Not available information for DSL/ NDSL.

16. Other Information

GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel. GenScript shall not be held liable for any damage resulting from handling or from contact with the above product.

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