

**Material Safety Data Sheet**  
**Version No.: 2.0(Revision 2013-08-01)****Oligonucleotide****1. Chemical Product and Company Identification****Company Name & Address**

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**2. Hazards Identification****Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label elements**

The Product does not need to be labeled in accordance with EC directives or respective national laws.

**Other hazards** – none

**3. Composition/Information on Ingredients****Composition**

Oligonucleotides do not contain any animal products.

**Description**

Oligonucleotides in dry format. Volume of each product packages: 2ml tubes

**4. First-Aid Measures****After skin contact**

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing.

**After eye contact**

Rinse opened eyes for several minutes under running water. Get medical attention if eyes become irritating.

**After swallowing (ingestion)**

Rinse mouth. Drink plenty of water. Get medical attention if irritating or symptoms occur.

**5. Fire-Fighting Measures****Fire and explosion hazards**

Gives off irritating or toxic fumes in a fire

**Suitable extinguishing media**

Water spray, carbon dioxide, extinguishing powder or foam

**Protective equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

**Personal precautions**

Use proper personal protective equipment as indicated in Section 8.

**Environmental precautions**

Do not allow entering sewers, surfaces or ground water.

**Measures for cleaning/collecting**

Sweep up or absorb material, then place it into container for disposal. Wash spill site after material pickup is complete

## 7. Handling and Storage

**Handling**

No special measures necessary. Good laboratory technique should be used when handling.

**Storage**

No special measures necessary. Store at -20

## 8. Exposure Controls and Personal Protection

**Exposure limits**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

**Eye protection**

Safety goggles (glasses).

**Skin protection**

Protective gloves, a lab coat.

**Hygiene measures**

Keep away from foodstuffs and beverages.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working with products.

**Breathing equipment**

Not required.

## 9. Physical and Chemical Properties

**Appearance**

Powder

**Flash point**

No data available

**Color**

White

**Explosive properties**

No data available

**Odor**

Odorless

**Vapor pressure**

No data available

**Boiling point**

No data available

**pH**

7.0

## 10. Stability and Reactivity

### Stability

Stable, under normal handling and storage conditions

### Decomposition

No data available.

### Conditions to avoid

Contact with strong oxidants, fire.

## 11. Toxicological Information

The toxicological properties of those materials have not been fully investigated.

Irritating to eyes.

Irritating to skin.

Harmful if swallowed.

Preparations may cause allergic reactions in certain sensitive individuals.

## 12. Ecological Information

No data available.

## 13. Disposal Consideration

Burn the material in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal state and local environmental regulations.

## 14. Transport Information

Not regulated.

## 15. Regulatory Information

### R22

Harmful if swallowed.

### R36

Irritating to eyes

### R38

Irritating to skin

### S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

## 16. Other Information

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features. BIONEER is not held liable for any damage resulting from handling or from contact with the above p handling or from contact with the above product.