

Material Safety Data Sheet

Version No.: 1.0(Revision 2021-08-25)

AccuPower® qPCR Array System: Human immune checkpoint qPCR panel

1. Chemical Product and Company Identification

Company Name & Address

Bioneer Corporation
49-3, Munpyeong-dong,
Daedeok-gu, Daejeon 306-220
Korea
Tel.: +82-42-930-8508
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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.

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	Flash point
Powder	No data available
Color	Explosive properties
White	No data available
Odor	Vapor pressure
Odorless	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 product.
