

Material Safety Data Sheet (MSDS)

rtStar™ First-Strand cDNA Synthesis Kit

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Product name rtStar™ First-Strand cDNA Synthesis Kit

Supplier identification Arraystar Inc.
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Rockville, MD 20850
USA

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COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health. Arraystar recommends all normal precautions be taken. Wear gloves and avoid direct contact with skin, eyes and clothing when handling biochemical and chemical reagents and solutions.

HAZARDS IDENTIFICATION

HMIS and NFPA ratings 0 – Minimal or None, 1 – Slight, 2 – Moderate, 3 – Serious, and 4 – Severe

Health: 0
Flammability: 0
Reactivity: 0

FIRST AID MEASURES

Eye contact In case of eye contact, flush with copious amounts of water for at least 15 minutes. Seek medical attention if irritation occurs.

Skin contact In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if necessary.

Inhalation If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if necessary.

Ingestion If swallowed, wash out mouth with water provided person is conscious. Do not induce vomiting. If large quantities of this material are swallowed call a physician immediately.

FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing measures that are appropriate to local

	circumstances and the surrounding environment.
Special risks	No data available. Exposure to decomposition products may be a hazard to health.
Special Protective Equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid breathing vapors, mist or gas. Wear appropriate protective clothing.
Environmental precautions	Clean up spills properly.
Disposal	Keep in suitable, closed containers for disposal.

HANDLING AND STORAGE

Handling	Wear gloves.
Storage	Store at 4°C. Observe specific storage instructions for the product.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection	None required.
Hand protection	Compatible chemical-resistant gloves.
Eye protection	Chemical safety goggles.
Other precautions	Wash contaminated clothing before reuse. Wash thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Colorless

STABILITY AND REACTIVITY

Stability	No data available.
Hazardous decomposition products	No data available.

TOXICOLOGICAL INFORMATION

Skin contact	May cause irritation.
Eye contact	May cause irritation.
Inhalation	May cause irritation
Ingestion	Harmful if swallowed.

ECOLOGICAL INFORMATION

Ecotoxicological effects	No data available
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DISPOSAL CONSIDERATIONS

Substance disposal

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service.

TRANSPORT INFORMATION

This product is not dangerous and no special precautions are needed according to DOT, ADR/RID (cross border), IMDG and IATA/ICAO.

REGULATORY INFORMATION**U.S. Federal Regulations**

Sara Listed: 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

U.S. State Regulations**California Proposition 65**

This product does not contain chemicals listed under Proposition 65.

Canada Regulatory Information

WHMIS Hazardous Classification: Non-controlled.

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.

OTHER INFORMATION

Disclaimer: The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

Arraystar shall not be held responsible for any damage resulting from the use of the above product or the information contained in this material safety datasheet.