

# Material Safety Data Sheet (MSDS)

## SYBR® Green qPCR Master Mix, ROX+

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

<b>Product name</b>	Arraystar SYBR® Green qPCR Master Mix, ROX+
<b>Supplier identification</b>	Arraystar Inc. 9430 Key West Avenue #128 Rockville, MD 20850 USA
	Email: info@arraystar.com
	Toll free: 888-416-6343
	Phone: 240-314-0388
	Fax: 240-314-0301

### 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

<b>HMIS and NFPA ratings</b>	0 – Minimal or None, 1 – Slight, 2 – Moderate, 3 – Serious, and 4 – Severe
	Health: 0
	Flammability: 0
	Reactivity: 0

### FIRST AID MEASURES

<b>Eye contact</b>	In case of eye contact, flush with copious amounts of water for at least 15 minutes. Seek medical attention if irritation occurs.
<b>Skin contact</b>	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.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if necessary.
<b>Ingestion</b>	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

<b>Extinguishing media</b>	Use extinguishing measures that are appropriate to local
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	circumstances and the surrounding environment.
<b>Special risks</b>	No data available. Exposure to decomposition products may be a hazard to health.
<b>Special Protective Equipment</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

#### ACCIDENTAL RELEASE MEASURES

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

#### HANDLING AND STORAGE

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

#### EXPOSURE CONTROLS / PERSONAL PROTECTION

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

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Color</b>	Colorless

#### STABILITY AND REACTIVITY

<b>Stability</b>	No data available.
<b>Hazardous decomposition products</b>	No data available.

#### TOXICOLOGICAL INFORMATION

<b>Skin contact</b>	May cause irritation.
<b>Eye contact</b>	May cause irritation.
<b>Inhalation</b>	May cause irritation
<b>Ingestion</b>	Harmful if swallowed.

#### ECOLOGICAL INFORMATION

<b>Ecotoxicological effects</b>	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.