

**IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product name** qARTA q•EvaGreen<sup>®</sup>, q•Probe qPCR kit  
**Catalog number** QGWR, QGNR, QGRV; QPWR, QPNR, QPRV  
**Product use description** Laboratory chemicals for research use only. Not for use in diagnostic procedures.

**Manufacturer/ Supplier**

qARTA Bio, Inc.  
 1210 East 223rd Street, Suite 311, Carson, Ca 90745, USA  
 www.qartabio.com

**IN CASE OF EMERGENCY CALL: +1 310-326-1542****HAZARDS IDENTIFICATION**

**Potential Health Effects**  
**Inhalation** Causes respiratory tract irritation. Harmful if inhaled. May cause allergic respiratory reaction.  
**Skin** Causes skin irritation. May be harmful if absorbed through skin.  
**Eyes** Causes eye irritation.  
**Ingestion** Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Physical and chemical hazards** Combustible liquid.  
**Chronic exposure** Prolonged skin contact may defat the skin and produce dermatitis.  
**Aggravated medical conditions** Eyes, skin disorders, liver disorders, kidney disorders  
**Target organs** Eyes, skin

**COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous Components** The product contains no components which at their given concentration, are considered to be hazardous to health.

**FIRST AID MEASURES**

**Inhalation** Immediately supply fresh air. Get medical attention. If not breathing, give artificial respiration.  
**Skin contact** Immediately rinse with plenty of soap and water. Seek medical advice. Remove contaminated clothing.  
**Eye contact** Immediately flush opened eye under running water for at least 15 minutes. Get medical attention.  
**Ingestion** If swallowed, immediately get medical attention.

**FIRE-FIGHTING MEASURES**

**Suitable extinguishing media** Water spray, Carbon dioxide (CO<sub>2</sub>), Foam, Dry chemical.  
**Protective equipment for fire-fighters** Wear self-contained breathing apparatus for fire fighting. Use personal protective equipment.

**ACCIDENTAL RELEASE MEASURES**

**Personal precautions** Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Use protective equipment.  
**Environmental precautions** Should not be released into the environment. Prevent undiluted or large quantities to enter drains.  
**Methods for cleaning up** Clean contaminated floors/objects thoroughly while observing environmental regulations.

**HANDLING AND STORAGE**

**For safe handling** Use only in area provided with adequate ventilation. Wear personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.  
**For safe storage** Protect against physical damage and store in original container. Isolate from incompatible substances. See product label for storage requirements.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Eye protection</b>	Chemical resistant goggles.	<b>General protective &amp; hygienic measures</b>	Follow usual precautionary measures for handling chemicals. Wash hands thoroughly after handling.
<b>Hand protection</b>	Suitable protective gloves.		
<b>Respiratory protection</b>	Avoid breathing vapors or gas.	<b>Engineering measures</b>	Maintain air concentrations below occupational exposure standards. Use only in area provided with exhaust ventilation.
<b>Skin protection</b>	Suitable protective clothing.		

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid	<b>Boiling point</b>	Undetermined	<b>Explosion limits</b>	Undetermined
<b>Color</b>	Colorless	<b>Melting point</b>	Undetermined	<b>Self-igniting</b>	No
<b>Odor</b>	Undetermined	<b>Flash point</b>	Undetermined	<b>Solubility in / Miscibility with water</b>	Fully miscible
<b>pH-value</b>	7.0 – 8.5	<b>Density</b>	Undetermined		

**STABILITY AND REACTIVITY**

<b>Conditions to avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition.
<b>Materials to avoid</b>	Strong acids, bases, and oxidizing agents.
<b>Dangerous decomposition products</b>	Carbon oxides, nitrogen oxides, hydrogen chloride gas, sulphur oxides

**TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	The product contains no components which at their given concentration, are considered to be hazardous to health.
-----------------------	--

**ECOLOGICAL INFORMATION**

<b>Mobility</b>	No data available.	<b>Ecotoxicity</b>	This product is slightly hazardous for water. Do not allow product to reach ground water, water course, or sewage system.
<b>Degradability</b>	Inherently biodegradable.		
<b>Accumulation</b>	Does not bioaccumulate.		

**DISPOSAL CONSIDERATIONS**

<b>Environmental precautions</b>	Should not be released into the environment. Prevent product from entering drains.
<b>Waste handling and disposal</b>	Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**TRANSPORT INFORMATION**

<b>DOT: DOT Road Transport</b>	Not dangerous goods	<b>IATA-DGR</b>	Not dangerous goods	<b>IMDG</b>	Not dangerous goods.
--------------------------------	---------------------	-----------------	---------------------	-------------	----------------------

**REGULATORY INFORMATION**

<b>US Regulations</b>	40 CFR § 302.4 Designation of hazardous substances (SARA 302): <i>Non-hazardous substance</i> 40 CFR § 355 Appendices A & B: The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (SARA 304): <i>Non-hazardous substance</i> 40 CFR § 372.65 Toxic Chemical Release Reporting (SARA 313): <i>Non-hazardous substance</i>
<b>State Regulations</b>	U.S./California – 8 CCR Section 339 – Director’s List of Hazardous Substances: <i>No components found.</i> U.S./California – 8 CCR Section 5200-5220 – Specifically Regulated Carcinogens: <i>No components found.</i> U.S./California – 8 CCR Section 5203 – Carcinogens: <i>No components found.</i> U.S./California – 8 CCR Section 5209 – Carcinogens: <i>No components found.</i>
<b>National Inventory Status – USA</b>	<b>TOXIC SUBSTANCES CONTROL ACT (TSCA).</b> All components of this substance are listed on or are exempt from the inventory. For purposes of 40 CFR 720.36, this product is for Research Use Only. <b>TOXIC SUBSTANCES CONTROL ACT, Section 12(B) Export Notification 40CFR 707, Subpart D.</b> <i>Not Required.</i>

**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, and shall not establish a legally valid contractual relationship. qARTA•Bio is not held liable for any damage resulting from handling or from contact with the above mentioned products.

