

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2022

Date Updated: December 31, 2022

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION-----

Product Name BB Prime Green One-Step RT-qPCR Kit
Product Code(s) BRQP00100
Recommended Use For Laboratory Research Use Only
 Not for Human or Animal Drug Use
Supplier Bio Basic Asia Pacific Pte Ltd.
Address 2 International Business Park Road
 Strategy #01-04, Singapore 609930
Telephone (+65) 6954 2519
 (+65) 6491 5938
Email sg@biobasic-asia.com

SECTION 2. ----- HAZARDS IDENTIFICATION -----

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

HMIS Classification

Health hazard: 0
Flammability: 0
Reactivity: 0

Hazards not otherwise classified (HNOC) or not covered by GHS – none

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Chemical Name	EC No.	CAS-No.	Weight %
Water	231-791-2	7732-18-5	>50
Tris-HCl	214-684-5	1185-53-1	30-50mM
Magnesium chloride hexahydrate	232-094-6	7791-18-6	1-5mM
Bovine Serum Albumin	232-936-2	9048-46-8	0.3-0.5mg/ml
2'-Deoxyadenosine-5'-triphosphate trisodium salt	-	1927-31-7	<0.1mM
2'-Deoxythymidine-5'-triphosphate sodium salt	-	18423-43-3	<0.1mM
2'-Deoxyguanosine-5'-triphosphate trisodium salt	-	93919-41-6	<0.1mM
2'-Deoxycytidine 5'-triphosphate disodium salt	-	102783-51-7	<0.1mM
Triton X-100	-	9002-93-1	<0.3
SYBR green I dye	-	163795-75	<0.1

Ingredients indicated above do not present a health or environmental hazard within the meaning of Council Directive 67/548/EEC, or their concentrations do not exceed the limits specified in Council Directive 1999/45/EC, and in Commission Directive 2001/58/EC.

SECTION 4. ----- FIRST-AID MEASURES-----

Description of first-aid measures

If inhaled

If breathed in, move person into fresh air. If symptoms persist, consult a physician.

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Rinse eyes with water for at least 15 minutes. Consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects and described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Extinguishing media

Use dry chemical powder.

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

Further information

No data available

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

Environmental precautions

Prevent product from entering drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

For disposal see section 13.

Additional information

No data available

SECTION 7. ----- HANDLING AND STORAGE-----

Precautions for safe handling

No special handling advice required. For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Store at - 20°C. Keep in properly labelled container.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Control parameters

Exposure controls

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Hand protection

Handle with rubber gloves.

Eye protection

No need to wear glasses/goggles when ordinary operations with the preparation. Safety glasses with side-shields are recommended during certain operations when aerosol formation is possible.

Skin protection

The usual precautionary measures accepted in research laboratories, e.g. protective clothes (gowns).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection.

Control of environmental exposure

Prevent product from entering drains.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

Information on basic physical and chemical properties

Appearance	Form: Liquid
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

SECTION 10. -----STABILITY AND REACTIVITY -----

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

No data available

Incompatible materials

No data available

Hazardous decomposition products

No data available

In the event of fire: see section 5

Hazardous polymerization

Hazardous polymerization does not occur.

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

No data available

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Toxicity

No data available

Persistence and degradability

Inherently biodegradable.

Bioaccumulative potential

Does not bioaccumulate.

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No data available

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Waste treatment methods

Dispose according to current regional and national rules.

SECTION 14. ----- TRANSPORT INFORMATION -----

Not classified as dangerous in the meaning of transport regulations

SECTION 15. ----- REGULATORY INFORMATION -----

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

SECTION 16. ----- OTHER INFORMATION -----

Further information: no limited for paper copy, just for internal uses.
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Issuing Date: 31-Dec-2022

End of SDS