

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY ADDRESS: King Abdullah University of Science and Technology (KAUST) Thuwal 23955, Saudi Arabia.

EMERGENCY TELEPHONE NUMBERS: (966) 59 121-4477

PRODUCT NAME : Probe Multiplex Real-Time qPCR Mix (2X)

PRODUCT CODE : PCR6901-MM - PCR6905-MM

PRODUCT USE : For research use only. Not intended for human or animal diagnostic uses.

SECTION 2 - HAZARDS IDENTIFICATION SUMMARY**GHS Classification**

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS): SS586: 2008 (2014)

Label elements

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS): SS586: 2008 (2014)

Other hazards which do not result in classification

Not applicable

SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4 - FIRST AID MEASURES**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

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

IF ON SKIN: Wash off with soap and plenty of water. Consult a physician.

IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

IF INHALED: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION 5 - FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Not Flammable or combustible

FLASHPOINT: Not determined

EXTICTION MEAN: Use water spray, alcohol-resistant foam, dry chemical or CO₂.

FIRE AND EXPLOSION HAZARD: Not sensitive to mechanical impact or static discharge

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus for firefighting if necessary

HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER FIRE CONDITIONS: None known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Soak up with inert absorbent material.

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wear personal protective equipment. Avoid contact with skin and eyes.

STORAGE: Keep container tightly closed in a dry, cool and well-ventilated place.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Biological occupational exposure limits: This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

RESPIRATORY PROTECTION: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, respiratory protection approved under NIOSH/MSHA must be worn. For high airborne contaminant concentration positive-pressure supplied air respirators may be required.

EYE PROTECTION: Wear safety glasses with side shields conforming to EN166. Avoid contact with the eyes.

SKIN AND BODY PROTECTION: Wear protective gloves and clothing.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

SPECIFIC ENGINEERING CONTROLS: Use appropriate mechanical exhaust or laboratory fume hood to avoid exposure.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Clear

Odor: Odorless

pH: Not available

Melting Point: Not available
Boiling Point: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Special gravity: Not available
Solubility: Not available
Decomposition Temperature: Not available
Viscosity: Not available

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage conditions

CONDITIONS TO AVOID: Not available.

INCOMPATIBLE MATERIALS: None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under fire conditions: None known based on information supplied.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity data from similar formulation

ACUTE TOXICITY:

PRODUCT:

Acute oral toxicity: Not available
Acute inhalation toxicity: Not available
Acute dermal toxicity: Not available

INGREDIENTS:

Specific test data for the substance or mixture is not available.

SKIN CORROSION / IRRITATION:

Product: Based on available data, the classification criteria are not met

SERIOUS EYE DAMAGE / EYE IRRITATION

Product: Based on available data, the classification criteria are not met

GERM CELL MUTAGENICITY: Not available

CARCINOGENICITY: Not available

REPRODUCTIVE TOXICITY: Not available

STOT-SINGE EXPOSURE: Not available

STOT-REPEATED EXPOSURE: Not available

ASPIRATION TOXICITY: Not available

FURTHER INFORMATION: Not available

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.

TOXICITY TO FISH: No information available.

PERSISTENCE AND DEGRADABILITY: No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

PRODUCT: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

CONTAMINATED PACKAGING: Do not reuse empty containers.

SECTION 14 - TRANSPORT INFORMATION

DOT (US): Not regulated as dangerous good.

UNRTG: Not regulated as dangerous good.

IATA: Not regulated as dangerous good.

IMDG: Not regulated as dangerous good.

SECTION 15 - REGULATORY INFORMATION

Environmental Public Health Act: Dispose of waste product or used containers according to local regulations.

Hazardous Waste (Control of Export, Import and Transit) Act : It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Take note that wastes may be subject to export, import, or transit control pursuant to the Basel convention and/or local regulations implementing the Basel convention.

SECTION 16 - OTHER INFORMATION

The above information contained in this Material Safety Data Sheet is correct to the best of our knowledge and belief at the date of publication. The information provided is only designed as a guide for safe handling, handling, use, transportation, storage, disposal and release. This information is not to be considered a guarantee or a quality specification. The information relates only to the specific materials and may not be valid for such materials used with any other materials or in any process, unless stated so in the text.

END OF SAFETY DATA SHEET

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EMERGENCY TELEPHONE NUMBERS: (966) 59 121-4477

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SPECIFIC ENGINEERING CONTROLS: Use appropriate mechanical exhaust or laboratory fume hood to avoid exposure.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Pink

Odor: Odorless

pH: Not available

Melting Point: Not available

Boiling Point: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Special gravity: Not available
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