



Material Safety Data Sheet

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1. PRODUCT AND COMPANY INFORMATION

Product Name: PCR-Ready Mix Supreme™
Catalogue Number: PCR-24; PCR-48; PCR-96; PCR-192

Manufacturer Name & Address: Syntezza Bioscience Ltd.
Hadarim House, 7 Hartom Street
Har Hotzvim Technology Park
Jerusalem 91450
ISRAEL

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Further Information Obtainable from: Syntezza Helpdesk 972-2-586-7138 ext. 1 or
info@syntezza.com

Information in Case of Emergency: Please contact Syntezza regional representative in your
country or Syntezza Bioscience Ltd. directly

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Enzyme, nucleotides, buffer, color dye.
Dangerous Components: No hazardous substances in reportable quantities.

3. HAZARDS IDENTIFICATION

Hazard description: Not applicable
Information concerning particular hazards for human
and environment: Not applicable



Potential Health Effects: Eye contact: No significant health hazards identified
Skin contact: No significant health hazards identified.
Inhalation: No significant health hazards identified.
Ingestion: No significant health hazards identified.
HMIS Classification: (Health-0) (Flammability-0)
(Reactivity-0)
NFPA Rating: (Health-0) (Flammability-0) (Reactivity-0)

4. FIRST AID MEASURES

After Ingestion: If swallowed, DO NOT induce vomiting. Rinse mouth. Drink plenty of water. Keep individual calm. Get medical attention if irritating or symptoms occur.

After Inhalation: If inhaled, remove to fresh air. If breathing becomes difficult get medical attention.

After Skin Contact: Wash area with soap and rinse thoroughly. If irritation occurs, seek medical attention.

After Eye Contact: In case of contact, immediately flush opened eyes with copious amount of water for at least 15 minutes and get medical attention if eyes become irritating.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical.

Special fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus to avoid inhalation of explosion or combustion gases and protective clothing to prevent contact with skin and eyes.

Special Risks: Specific Hazard(s): emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Person –Related Safety Precaution: Not required. Minimize direct contact with skin or eyes and prevent inhalation of dust.

Measures for Environmental protection: No special measures required.



Measures for Cleaning/

Collection: No special measures required. Sweep up, place in a bag and hold for waste disposal. Avoid rising dust. Ventilate area and wash spill site after material pickup is completed.

7. HANDLING AND STORAGE

Handling: Good laboratory technique should be used when handling.

- Information for safe handling Not required
- Information about fire Not required

Storage: No special measures necessary.

- Requirements to be met by storerooms and receptacles: No further requirements
- Information about storage in one common storage facility: Not required
- Further information about storage conditions: Store at room temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further requirements
See item 7.

Ingredients with limit values that require monitoring at workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Personal Protective Equipment:

General protective and hygienic measures

- Respiratory protection
- Eye protection
- Skin protection

The usual precautionary measures are to be adhered when handling chemicals. Keep away from food and beverages. Avoid contact with the eyes and skin.
Not required
Safety goggles
Protective gloves, a lab coat



9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder	
Color:	Brownish	
Odor:	Odorless	
Change in condition	Melting point/range	Undetermined
	Boiling point/range	Undetermined
Flash point:	Not applicable	
Self-igniting:	Not self-igniting	
Danger of explosion:	No explosion hazard	
Density:	Not determined	
Solubility in water:	Fully soluble	
Miscibility with water:	Fully miscible	
pH value	8.3	

10. STABILITY AND REACTIVITY

Stability: Stable under normal handling and storage conditions

Materials to avoid: Strong oxidizing agents

Thermal Decomposition/

Conditions to be avoided: No decomposition if used according to specifications

Dangerous Reactions: No information available

Dangerous Decomposition

Products: Carbon monoxide, Carbon dioxide, Sulfur oxides, Sodium oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: None

Primary Irritant Effect:	Skin contact	Slightly irritant to skin and mucous membranes
	Eye contact	Irritating effect
	Inhalation	Product may be irritating to mucous membranes and upper respiratory track
	Ingestion	May be harmful if swallowed
	Sensitization	No
	Additional toxicological information	The product should be handled with the usual care when dealing with chemicals



Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

12. ECOLOGICAL INFORMATION

General Notes: Ecological testing has not been conducted on this product

13. DISPOSAL CONSIDERATIONS

Product

Recommendation: Dispose as special waste in compliance with all official regulations

Package

Recommendation: Dispose as special waste in compliance with all official regulations

Recommended Cleansing

Agents: Water, if necessary together with cleansing agents

14. TRANSPORT INFORMATION

Land Transport:	ADR/RID class	Non-hazardous for road transport
Maritime Transport	IMDG Marine pollutant	Non-hazardous for sea transport No
Air Transport	ICAO-IT and IATA-DGR	Non-hazardous for air transport

15. REGULATION INFORMATION

Classification and labeling according:

- EU directives S-Phrases: 22-24/25. Do not breathe dust. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.
Not hazardous according to Directive 67/548/EEC
- US statement- Caution: Avoid contact and inhalation.

16. OTHER INFORMATION

Warranty- The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. It shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



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