

Section 1: Manufacturer Co and SDS supplier/product Identification/use**1.1. Manufacturer and SDS supplier**

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1.2. Product Identifications

Product name: ELISA Grade, One Component TMB-Substrate & ELISA super-sensitive, one component TMB-Substrate

Product code: DPTMB, DPSSTMB

Others: Liquid, protein/Antimicrobial containing mildly aqueous acidic Mixture

1.3. Intended use:

For laboratory use only. Other use is pointless and prohibited. If you are a non-professional lab person or encounter this product by accident, never open its pack or use it for any purpose.

Section 2: Hazards**2.1. Classification (GHS-US)**

Not classified

2.2. Other Hazards: Not contributing to the classification. None under normal laboratory methods/requirements/ safety conditions.

Acute toxicity (GHS-US)

No data available

Section 3: composition information

3.1. Substance: Not applicable

3.2. Mixture: Not applicable

Section 4: Handling and storage/ Dispose**4.1. safe handling precautions:**

Do not handle product before all safety precautions have been read and understood. Use general laboratory safety equipment (glasses, gloves...) and your safety SOPs. Keep away from source of ignition-

No smoking. wash hands and other exposed areas with mild soap and water before eating/drinking/smoking and when you want to leave work.

4.2. safe storage conditions

Keep the container in a dry, cool, and well-ventilated place. Avoid direct sunlight and elevated temperature. For short term can be stored in RT but for long term storage it should be placed at 2-8 degrees in refrigerator.

4.3. Avoid freezing thawing and using expired products according to the provided label.

4.4. Disposal: Dispose of this product and its residues by safe methods and in a container according to your local/national regulations. Do not release it in the environment. There is not any available information about persistence and degradation in the environment and mobility in soil or other adverse effects for this product.

Section 5: Exposure control/personal protection

5.1. control parameters

Not available

5.2. exposure control

Use under GMP & GLP protocols. Ensure adequate ventilation, especially in confined areas and long-term working. Use chemically resistant gloves, lab safety glasses and goggles. Latex, Neoprene and PVC or Vinyl gloves suggested in some GLP methods. Using paper absorbents on working tables is recommended.

Section 6: First aids

6.1. This product is not for any use but Laboratory use, so eating, drinking or using it as edible is pointless! Acute and chronic contact of this product is not classified but not expected to have a significant hazard if used properly and according to lab safety protocols. Respiratory irritation, eye and skin irritation can occur. ***In any case of concern, seek professional medical advice as soon as possible.***

Expose or Concern person: Get medical care/advice if you are exposed or concerned. Show this SDS to your doctor. Never anything to exposed/unconscious person.

Inhalation: Remove to fresh air and keep at rest. Get professional medical advice if you need it.

Skin/Clothes contamination: Remove contaminated cloths, wash skin with mild soap and water several times (10-20 minutes). Get professional medical advice if you need it.

Eyes: flush plenty of water with an eye washer or manually, immediately. Remove contact lenses/Glasses and continue for at least 15-20 minutes. Get professional medical advice if you need it.

Swallowed: Rinse mouth with water several times and get professional medical advice. Do not induce vomiting without getting professional medical advice.

Others: No additional information is available. In any concern, seek professional medical advice as soon as possible.

Section 7: Fire\Explosion\ Reaction

Under normal conditions and recommended use, no dangerous reaction with metals, plastics, or other materials chemicals is known to this product. Fire hazard, Explosion hazard and Reactivity data is not available. Suitable extinguishing materials may be dry powder, Foam, water spray, Carbon dioxide or sand.

Section 8: Toxicological information

Acute Toxicity: Not Classified.

Chronic toxicity: Not classified.

Skin/Eye/Respiratory toxicity: Not classified.

Mutagenicity and Carcinogenicity: Not classified.

Aspiration/Droplet hazard: Not classified.

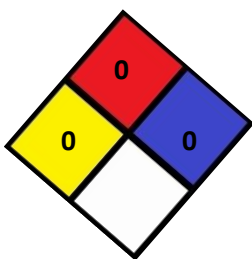
Note: May cause skin/Eye and skin or other organs irritation.

Section 9: Physical and chemical properties

Form	: Liquid
Appearance/Color	: Clear, color less to pale yellow
Odor/Odor threshold	: No Data available
pH	: 3.4-3.8
Explosive reaction	: Product is not explosive
Flammability:	: No Data available
Vapor pressure	: No Data available
Solubility	: Miscible in water
Solvents, Alcohols and protein precipitants	
Freezing point:	: No Data available
Boiling point	:100 centigrade
Viscosity	: No Data available
Reactivity	: No dangerous reaction known under normal condition and Use
Stability	: Stable under recommended condition for storage and handling
Condition to avoid	: Do not freeze
TMB	: less than 0.3%
H2O2	: Less than 0.2%

Section 10: Transportation

This product is not hazardous for transport. There is no additional information for transporting by sea, airplane. Train or other common transportation methods.

Hazard awareness chart**Important note about safety:**

Diagnopal believes that provided information is correct and dependable but not complete, use this information just as guide. Receivers of this product must exercise their own independent judgment according to their safety tests and protocols for this product intended use and usage conditions. This information is according to our internal tests or research and DO NOT MEAN THAT WE ARE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM USE OF THE PRODUCT OR RELIANCE UPON THIS INFORMATION. THAT IS CUSTOMER RESPONSIBILITY TO ENSURE SAFTY OF PRODUCTS BASED ON LABORATORY REAGENTS, MATERIALS AND CHEMICHALS SAFETY PROTOCOLS.

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