

Material Safety Data Sheet (MSDS)

Products and Company identification

Products name : ELISA Kit For Research Use Only

Supplier: **Bio-Medical Assay Co., Ltd (BMASSAY)**

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Composition / Information on Ingredients

Main Ingredients	Content (%)
Sodium chloride	2-7
Disodium hydrogen phosphate	1-4
H ₂ O	3-98
Sodium dihydrogen phosphate	0.6-2
BSA	0.8-2.4
Glycerine	3-16
Acetic acid	12
Dilute sulfuric acid	9
Hydrogen peroxide	0.2

Hazards Identification

Risk categories: no data to determine

Pathways: inhalation, ingestion, absorption through the skin

First aid measures:

Inhalation: rapidly from the scene to fresh air. Medical treatment.

Ingestion: oral intake of water, induce vomiting, Medical treatment.

Skin contact: immediately stripped off contaminated clothing, rinse with plenty of water for at least 15 minutes. Medical treatment.

Eye contact: Did eyelid, mobile water or saline thoroughly washed at least 15 minutes. Medical treatment.

Fire Fighting Measures

Flammability: Noncombustible

Extinguishing Media: water spray, alcohol resistant foam, dry powder, carbon dioxide.

Spill contingency measures

Isolation leakage polluted area. Recommended emergency personnel wearing dust masks, wear protective clothing. Before wear suitable protective clothing ,forbidden contact with the rupture the container and spill. As much as possible to cut off the source of the leak. Plastic sheeting to cover the spill and reduce dispersion. And collect spillage with clean shovel, placed in a clean, dry, loose lid container, transfer the container from spill area.

Handling Precautions

Enhance ventilation. The operator must strictly abide by the rules. Proposing operating personnel wearing chemical protective safety glasses, wear protective overalls on infiltration, wear rubber gloves. Avoid direct contact with the reagent liquid. Gently pick and place the kit to prevent damage to packaging and containers. Provide spill contingency processing equipment. The empty containers may be harmful residues.

Storage: stored at 2-8 ° C or -20 ° degrees.

Exposure controls / personal protection

Workplace occupational exposure limits:

Chinese MAC (mg/m³): No Data

Former Soviet Union MAC (mg/m³): No Data

U.S. TLV-TWA (mg / m³): No Data

United States TVL-STEL: No Data

Engineering controls: Enhance ventilation in operation. Provide safety showers and eyewash equipment.

Respiratory protection: concentration in air overweight, wearing self-absorption filter respirators (half-mask). Emergency rescue or evacuation, air respirators to wear.

Eye Protection: Wear chemical safety glasses.

Physical protection: wear anti-acid plastic overalls.

Hand protection: Wear rubber gloves acid.

Other: Prohibit smoking in the work site.

Work completed, take a shower. Attention to personal hygiene.

Stability and reactivity

Stability:Stable

Hazardous Polymerization: Will not aggregate

Incompatible materials: high temperature, strong light.

Combustion (decomposition) products: No Data

Toxicological Information

No Data

Ecological information

The substance is harmful to the environment, should pay particular attention to water pollution.

Waste disposal

Method of disposal: should refer to national and local regulations before disposal.

Transport Information

IMDG: Not available

UN Number: Not available

Packing Group: No Data

Packaging mark: No Data

Packing method: No Data

Other Information

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