

Material Safety Data Sheet

Hsp70 ELISA Kit: SKT-105

This product is for *in vitro* research use only and is not intended for use in humans or animals

The below information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StressMarq shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

Hazardous Ingredients

Kit components may contain the following components:

CAS Registry Numbers	Chemical Name	Percentage
26172-55-4	5-chloro-2-methyl-isothiazolin-2-one	<1.15
2682-20-4	2-methyl-4isothiazolin-3-one	<0.35
7786-30-3	Magnesium Chloride	<0.35
1077-60-3	Magnesium Nitrate	<1.0
N/A	Methylisothiazolone	<0.02
N/A	Bromonitrodioxane	<0.02
54827-17-7	3,3',5,5'-tetramethylbenzidine (TMB)	N/A
7664-93-9	Sulfuric Acid	<0.9

Physical Data

The physical properties of this product have not been investigated thoroughly.

TMB: Clear Liquid

Stop Solution: Clear, colorless to slightly yellow liquid

Fire and Explosion Hazard

Components of this kit are non-flammable. Fire and explosion data have not been investigated.

Hazard Combustion Products:

Kit components may emit toxic vapors.

TMB: carbon monoxide, carbon dioxide, nitrogen oxide fumes

Stop Solution: Carbon dioxide, carbon monoxide, hydrogen gas fumes

Reactivity Data

Kit components are stable. Avoid contact with reducing agents, amines, strong acids, strong bases, and strong oxidizing agents.

TMB: Stable. Protect from direct UV light, avoid elevated temperatures, protect from moisture. Incompatible with strong oxidizing agents, metals.

Stop Solution: Stable. Avoid elevated temperatures. Incompatible with oxidizing agents, reducing agents, and bases.

Toxicological Properties

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

Spill and Leak Procedures

Observe all federal, state and local environmental regulations.

- Wear protective equipment.
- Ventilate area.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
- Containers of this material may be hazardous when emptied. Emptied containers retain product residues- handle as if they are full.

First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.
- If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers.
- Call a physician.