CaMKII (pThr286 or 287) pAb serum

Materials Safety Datasheet

1: Product and Company Identification

Catalogue No.: A010-50
Product name: **CaMKII (pThr286 or 287) pAb serum**
Company name: Badrilla Ltd
Emergency contact: Badrilla Ltd +44 7801 730 618
Information: Badrilla Ltd www.badrilla.com
Chemical Family: Monoclonal and polyclonal antibody

2: Composition & information on ingredients

Hazardous components chemical name
CAS No. NA
Percentage 100%
OSHA PEL no data
ACGIH TLV no data
Other limits no data

3: Hazard Identification

Emergency overview: no data available
Route(s) of entry: **Inhalation:** Yes **skin:** Yes **Eyes:** Yes **Ingestion:** Yes **other:** Injection
Potential Health Effects (Acute and Chronic) Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin or respiritory tract irritation. The toxicological properties of this compound have not been fully evaluated.
Signs and symptoms of Exposure: No data available.

4: Emergency and First Aid Procedures

If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention. If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes, hold eyelids apart and flush with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel. In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

5: Fire fighting measures

Flash point: no data
Explosive Limits: LEL: No data UEL: No data
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Flammable Properties and Hazards: no data available
Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.
Unsuitable Media: no data available.

6: Accidental release measures

If materials are released or spilled: Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal protection equipment (rubber boots, safety goggles, heavy rubber gloves). Vacuum or sweep up material and place in disposal container. Avoid raising dust. After removal, ventilate contaminated area and flush thoroughly with water.

7: Handling and storage

Hazard Label Information: Avoid contact with skin and eyes. Do not reuse container. Use with adequate ventilation.
Precautions to be taken in handling: Avoid breathing in dust, vapour, mist, gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not reuse the container. Use with adequate ventilation. Wash thoroughly after handling.
Precautions to be taken in Storing: Store at the correct temperature.

8: Exposure Control / Personal Protection

Protective equipment summary – Hazard Label Information Eye wash station in work area. Lab coat. Latex disposable gloves. Safety glasses. Safety shower in work area. Vent hood.
Respiratory Equipment (Specific type): No data available.
Eye Protection: Safety glasses.
Protective gloves: Latex disposable gloves.
Other Protective Clothing: Laboratory coat.
Engineering Controls (Ventillation etc) Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Work/Hygenic/Maintenance Practices: DO NOT take internally. Facilities storing or utilizing this material should be equipped with

9: Physical and Chemical Properties

Physical States:	[ ] Gas [ ] Liquid [X] Solid	**Vapour density (vs Air = 1):**	No data.
Melting point:	No data.	**Evaporation rate (vs butyl acetate = 1)**	No data.
Boiling point:	No data	**Solubility in water:**	soluble to 10mg/ml
Auto ignition point:	No data	**Percent volatile:**	No data.
Flash point:	No data. Method:	**Corrosive Rate:**	No data.
Explosive Limits:	LEL: No data UEL: No data.	**pH:**	No data.
Specific gravity (water = 1)	No data.	**Appearance and odour:**	A lyophilised powder. No odour.
Vapour pressure (vs Air or mm Hg)	No data.		

10: Stability and reactivity

Stability:	[ ] Unstable [X] Stable
Conditions to avoid:	No data available.
Material incompatibility:	No data available
Hazardous decomposition/ byproducts:	No data
Hazardous polymerisation:	[ ] Will occur [X] Will not occur
Conditions to avoid :	No data available

11: Toxicological Information

Toxicological Information:	The toxicological effects of this compound have not been thoroughly studied.
Carcinogenic/Other Information:	No data available.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12: Ecological Information:

Runoff from fire control or dilution water may cause pollution.

13: Waste Disposal Method:

Dispose in accordance with local, state and federal regulations

14. Transport Information

Land Transport (US DOT)

DOT Proper Shipping Name:	No data available.
Additional Transport Information:	Transport in accordance with local, state and federal regulations.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical name)	**CAS#**	**Sec.302 (EHS)**	**Sec.304 RQ**	**Sec.313 (TRI)**	**Sec.110**
CaMKII (pThr286 or 287) pAb serum	NA	No	No	No	No

USA EPA CAA, CWA, TSCA

Hazardous Components (Chemical name)	**CAS#**	**EPA CAA**	**EPA CWA NPDES**	**EPA TSCA**	**CA PROP 65**
CaMKII (pThr286 or 287) pAb serum	NA	No	No	No	No

16 Other Information

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