

## Section 1 - Product and Company Information

**Product Name:** MAb hTLR2

**Cat. Code:** mab-htlr2

InvivoGen, 3950 Sorrento Valley Blvd, Suite 100  
San Diego, California 92121, USA  
(+1) 858 457 5873

**Company identification:**

Cayla-InvivoGen, 5 rue Jean Rodier  
31400 Toulouse, FRANCE  
+33 (0) 5 62 71 69 39

## Section 2 - Composition/Information on Ingredient

**Substance Name:** Monoclonal IgG antibody against human TLR2 containing less than 0.1% sodium azide

| Ingredient   | CAS No.    | EC No.    | Classification | Concentration |
|--------------|------------|-----------|----------------|---------------|
| Sodium azide | 26628-22-8 | 247-852-1 | R28,S28, S45   | < 0.1%        |

## Section 3 – Hazards Identification

**Emergency Overview:** OSHA Hazards: Highly Toxic (USA). Very Toxic (EU). Very toxic by inhalation, contact with skin and if swallowed. Readily absorbed through skin. Target organ effect. Target organ(s): Nerves, heart, brain.

**HMIS Classification:** Health Hazard 4, Chronic Health Hazard \*, Flammability Hazard 0, Reactivity Hazard 0

**NFPA Rating:** Health Hazard 4, Fire 0, Reactivity Hazard 0

### Potential Health Effects

- **Eye contact:** May cause eye irritation.
- **Skin contact:** May cause skin irritation.
- **Skin absorption:** Very toxic if absorbed through the skin.
- **Inhalation:** Very toxic if inhaled. May cause respiratory tract irritation.
- **Ingestion:** Very toxic if swallowed.

## Section 4 – First Aid Measures

**General advice:** Consult a physician. Show this material safety data sheet to the doctor in attendance.

**After skin contact:** Immediately wash skin with soap and plenty of water. Consult a physician.

**After swallowing:** Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.

**After inhalation:** Remove to fresh air. If not breathing give artificial respiration. Consult a physician.

**After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

## Section 5 – Fire Fighting Measures

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special Firefighting Procedures:** N/A

**Flammability:** N/A

**Unusual Fire and Explosions Hazard (s):** N/A

**Flash point:** N/A

**Auto-ignition Temp:** N/A

## **Section 6 – Accidental Release Measures**

**Personal precautions:** Wear protective equipment. Keep unprotected persons away. Avoid dust formation.

**Method for cleaning up:** Absorb on sand or vermiculite and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

## **Section 7– Handling and Storage**

**Handling:** Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

**User Exposure:** Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).

**Storage:** Keep tightly closed. Store at -20°C.

## **Section 8 – Exposure Controls / PPE**

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

**Hand:** Protective gloves to prevent skin contact. **Eye:** Chemical safety goggles

**General Hygiene Measures:** Wash hands thoroughly after handling.

## **Section 9 – Physical / Chemical Properties**

**Appearance:** White color

**Physical State:** Lyophilized powder, solid

## **Section 10 – Stability and Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** N/A

**Materials to avoid:** Strong oxidizing agents, acids, lead and copper

**Hazardous Decomposition Products:** N/A.

## **Section 11 – Toxicological Information**

### **Acute toxicity:**

Sodium Azide

LD50 Oral: 27 mg/kg rat

LD50 Intraperitoneal: N/A

LD50 Intravenous: N/A

**Primary irritant effect:** N/A

**Sensitization:** N/A

**Target Organ:** Nerves, heart, brain.

**Additional toxicological information:** N/A

## **Section 12 – Ecological Information**

**Ecotoxicity:** Data not yet available.

**Mobility:** Data not yet available.

**Biodegradation:** Data not yet available.

**Bioaccumulation:** Data not yet available.

### **Section 13 – Disposal Considerations**

**Product:** Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.

**Contaminated Packaging:** Dispose of as unused product.

### **Section 14 – Transport Information**

**DOT (US):** Non-hazardous for transport.

**IATA:** Non-hazardous for transport.

**IMDG:** Non-hazardous for transport.

### **Section 15 – Regulatory Information**

**OSHA HAZARDS (US):** Highly Toxic (USA). Very Toxic (EU). Very toxic by inhalation, contact with skin and if swallowed. Readily absorbed through skin. Target organ effect. Target organ(s): Nerves, heart, brain.

**DSL Status:** This product contains the following component that is on the Canadian DSL list.

Sodium azide                      CAS no.: 26628-22-8

**SARA 302 Component:** Sodium azide.

**SARA 313 Component:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** Acute health hazard. Chronic health hazard.

#### **U.S. State Regulations**

| <b>Chemical Name</b> | <b>Massachusetts RTK</b> | <b>New Jersey RTK</b> | <b>Pennsylvania RTK</b> |
|----------------------|--------------------------|-----------------------|-------------------------|
| Sodium azide         | <b>X</b>                 | <b>X</b>              | <b>X</b>                |

#### **Labeling and risk phrase according to EU Directives:**

**Hazard Symbol:** T+ Very toxic

**R28:** Very toxic if swallowed.

**S28:** After contact with skin, wash immediately with plenty of soap-suds.

**S45:** In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

### **Section 16 – Other Information**

**Disclaimer:** All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

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