

## MATERIAL SAFETY DATASHEET

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### SECTION 1: CHEMICAL IDENTIFICATION

Code #: JN1

Name: Japanese Encephalitis virus anti-NS1 glycoprotein antibody

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name:	CAS #:	%:
Sodium Azide (NaN <sub>3</sub> )	26628-22-8	< 1
Bovine Serum Albumin (BSA)	9048-46-8	< 1

### SECTION 3: HAZARDS IDENTIFICATION

Primary Routes of Entry

Skin or eye contact from splashes.

Ingestion

Harmful if swallowed.

Skin Contact

High concentration may cause severe burn.

Eye Contact

May cause irritation.

### SECTION 4: FIRST-AIDS MEASURES

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes.

In case of contact with skin, immediately wash with soap and copious amounts of water.

If swallowed, wash out mouth with water provided the person is conscious.

Call a physician.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Not applicable

Unusual Fire and Explosion Hazards

May explode if heated. May evolve toxic fumes in fire

Pairing Nature with Scientific Discoveries

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### Personal Precautions

Wear appropriate protective clothing. Inform others to keep a safe distance.

### Measures for Cleaning / Collecting

Spread soda ash liberally over spillage. If local regulations permit, mop up cautiously with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company.

Wash spill site after material pickup is complete.

## **SECTION 7: HANDLING AND STORAGE**

### Handling

Good laboratory techniques should be used when handling.

### Storage

Store at 4°C.

## **SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

### Avoid Inhalation

Keep tightly closed and store at 4°C.

### Skin Protection

Protective lab coat and chemical resistant gloves.

### Eye Protection

Safety goggles

### Hygiene Measures

Wash thoroughly after handling.

Keep away from foodstuffs and beverages.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### Appearance and Odor

Pink liquid

Odorless

Melting Point: Data not yet available

Boiling Point: Data not yet available

Flash Point: Data not yet available

Explosion Limits: Data not yet available

## **SECTION 10: STABILITY AND REACTIVITY**

### Stability

Stable under normal handling and storage conditions.

### Decomposition

Slow reaction at ambient temperature unless water contains dissolved carbon dioxide. Decomposes violently with bromine or chromyl chloride.

### Conditions to Avoid

Contact with strong oxidizing agents, strong bases, or fire.

**SECTION 11: TOXICOLOGICAL INFORMATION**

May cause eye irritation.

May cause skin irritation.

Harmful if swallowed.

Preparations may cause allergic reactions in certain sensitive individuals.

**SECTION 12: ECOLOGICAL INFORMATION**

Data not yet available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state and local environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

Not regulated.

**SECTION 15: REGULATORY INFORMATION**

R 28-32

Very harmful if swallowed. Contact with acid liberate very toxic gas.

S 28-45

After contact with skin, wash immediately with plenty of water. In case of accident or if you feel unwell, seek medical advice immediately.

**SECTION 16: OTHER INFORMATION**

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