# Safety Data Sheet

## 1. Product and Company Identification

| | |
|---|---|
| **Product Name** | **VIPR2/VPAC2 Antibody** |
| **Product Catalog Number** | **NBP3-14515** |
| Recommended Use | Laboratory Chemical, Research Use Only |
| Supplier Address | Novus Biologicals, LLC<br>10771 E Easter Ave<br>Centennial, CO 80112, USA |
| Email Address | technical@novusbio.com |
| ChemTel emergency phones: | 1-888-506-6887 |
| ChemTel contract ID: | MIS2559905 |

## 2. Hazard Identification

US-GHS Classification

Mixture not classified.

GHS Label Elements (including precautionary statements)

**Hazard Statements**

H302 – Harmful if swallowed

**Precautionary Statements**

P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands/skin thoroughly after handling.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.
P501 - Dispose of contents/containers in accordance with local regulations

Other Information

No information available.

## 3. Composition of Ingredients

Substances

| Chemical Name | CAS No. | Amount (%) | Classification |
|---|---|---|---|
| Sodium Azide | 26628-22-8 | 0.1 | Acute Tox. 2 (H302)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) |

## 4. First Aid Measures

Description of First Aid Measures

| | |
|---|---|
| Inhalation | Due to the small packaging the risk of inhalation is minimal. Rinse nose and mouth with water. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Eye Contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. |
| Ingestion | Due to the small packaging the risk of ingestion is minimal. Rinse mouth thoroughly. |

Most Important Symptoms and Effects (both acute and delayed)

| | |
|---|---|
| Inhalation | May cause coughing or mild irritation. |
| Skin Contact | Prolonged skin contact may cause redness and irritation. |
| Eye Contact | May cause temporary eye irritation. |
| Ingestion | This product may be harmful if swallowed. |

Indication of Any Immediate Medical Attention and Special Treatment Needed

No specific first aid measures noted.

## 5. Firefighting Measures

Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards Arising from the Substance or Mixture

Nature of decomposition products not known.

Advice for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

## 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental Precautions

Do not allow to enter drains, sewers or watercourses.

Methods for Containment and Clean Up

Keep in suitable, closed containers for disposal. Absorb spillage with suitable absorbent material. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

## 7. Handling and Storage

Precautions for Safe Handling

Avoid spilling, skin and eye contact. Good personal hygiene is necessary.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure Control and Personal Protection

Control Parameters

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Sodium Azide<br>26628-22-8 | Ceiling: 0.29 mg/m3<br>NaN3 Ceiling: 0.11 ppm<br>Hydrazoic acid vapor | (vacated) S*<br>(vacated) Ceiling: 0.1 ppm HN3<br>(vacated) Ceiling: 0.3 mg/m3 NaN3 | Ceiling: 0.1 ppm HN3<br>Ceiling: 0.3 mg/m3 NaN3 |

Exposure Controls

**Engineering measures**: Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
**Eye/face protection**: Tightly fitting safety goggles.
**Skin and body protection**: Use suitable protective gloves if risk of skin contact. Wear apron or protective clothing in case of contact.
**Respiratory protection**: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.
**Hygiene measures**: Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

Information on Physical and Chemical Properties

| **Appearance** | **Form: Liquid** | | |
|---|---|---|---|
| Color | No Data Available | Flammability | No Data Available |
| Odor | No Data Available | Vapor Pressure | No Data Available |
| Odor Threshold | No Data Available | Vapor Density | No Data Available |
| Melting/freezing point | No Data Available | Relative Density | No Data Available |
| Boiling Point/Range | No Data Available | Water Solubility | No Data Available |
| Flash Point | No Data Available | Partition Coefficient | No Data Available |
| Evaporation Rate | No Data Available | Auto-ignition Temp | No Data Available |
| Viscosity | No Data Available | Decomposition Temp | No Data Available |
| Explosive Properties | No Data Available | Oxidizing Properties | No Data Available |

## 10. Stability and Reactivity

Reactivity

Stable under recommended storage conditions.

Chemical Stability
Stable under normal temperature conditions.

Possibility of Hazardous Reactions
Not determined.

Conditions to Avoid
Avoid exposure to high temperatures or direct sunlight.

Incompatible Materials
Hydrocarbons - halogenated. Strong acids.

Hazardous Decomposition Conditions
None under normal conditions.

## 11. Toxicological Information

Information on Toxicological Effects

**Acute Toxicity**
Oral LD50: Rat 27 mg/kg
Dermal LD50: 20 mg/kg Rabbit

**Skin Corrosion/Irritation**
Not determined.

**Serious Eye Damage/Eye Irritation**
Not determined.

**Respiratory or Skin Sensitsation**
Not determined.

**Germ Cell Mutagenicity**
Not determined.

**Carcinogenicity**
Not determined.

**Reproductive Toxicity**
Not determined.

**Specific Target Organ Toxicity – Single Exposure**
Not determined.

**Specific Target Organ Toxicity – Single Exposure**
Not determined.

**Aspiration Hazard**
Not determined.

**Additional Information**
No specific health warnings noted.

## 12. Ecological Information

Toxicity

The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Toxicity to other aquatic invertebrates |
|---|---|---|---|---|
| Sodium Azide 26628-22-8 | | 0.8: 96 h Oncorhynchus mykiss mg/L LC50 0.7: 96 h Lepomis macrochirus mg/L LC50 5.46: 96 h Pimephales promelas mg/L LC50 flow-through | | |

Persistence and Degradability

There are no data on the degradability of this product.

Bioaccumulative Potential

No data available on bioaccumulation.

Mobility in Soil

The product is soluble in water.

Results of PBT and vPvB Assessment

No information available

Other Adverse Effects

Not determined.

## 13. Disposal Considerations

Waste Treatment Methods

Dispose of waste and residues in accordance with local authority requirements.

## 14. Transport Information

DOT

Not dangerous goods.

IATA

Not dangerous goods.

ADR

Not dangerous goods.

## 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA 302 Components**: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**: 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**: No SARA Hazards

**Massachusetts Right To Know Components**: Sodium Azide (CAS No. 26628-22-2)

**Pennsylvania Right To Know Components**: Sodium Azide (CAS No. 26628-22-2)

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment

No chemical safety assessment has been carried out.

## 16. Other Information

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.