





# VivoVivo Biotech

Make Tissues, Cells, Genes and Molecules Visible

**Material Safety Data Sheet(MSDS)**

Revision Date: 08-June-2020

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**SKU#** VB-6017  
**Productname** RTU normal goat serum

### Contact Manufacturer

**VivoVivo Biotech, LLC**  
 405 E Gude Drive, Suite 214  
 Rockville, MD 20850  
 USA

Phone: 301-500-0499  
 Toll free: 1-800-260-9817  
 Email: info@vivoVivo.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### GHS - Classification

Ozone	Not applicable
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### GHS Label elements, including precautionary statements

Not dangerous

### Other information

No information available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Chemical Name	CAS-No	Weight %	Classification (Reg. 1272/2008)
Sodium azide	26628-22-8	0.1-1	Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)

**For the full text of the H-Statements mentioned in this Section, you can find it in section 16.**

## 4. FIRST AID MEASURES

Eyecontact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15minutes.
Inhalation	Move to freshair.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water. Drink plenty ofwater.
Notesto physician	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable.
<b>Flashpoint</b>	not determined
<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Explosion Data</b>	
<b>Sensitivity toMechanical Impact</b>	No data available
<b>Sensitivity toStatic Discharge</b>	No data available
<b>Protective equipment and precautions for firefighters</b>	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.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personalprecautions</b>	Ensure adequate ventilation.
<b>Environmentalprecautions</b>	Try to prevent the material from entering drains or water courses.
<b>Methodsfor containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

<b>Advice onsafe handling</b>	Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.
<b>Technical measures/Storage conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

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

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium azide 26628-22-8	Ceiling: 0.29 mg/m <sup>3</sup> NaN <sub>3</sub> Ceiling: 0.11 ppm Hydrazoic acid vapor	(vacated) S* (vacated) Ceiling: 0.1 ppm HN <sub>3</sub> (vacated) Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>	Ceiling: 0.1 ppm HN <sub>3</sub> Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>

### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d962 (11th Cir., 1992).88888

### Personal protective equipment

#### Skin and body protection

Long sleeved clothing. Protective gloves.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Eye/face protection

Tightly fitting safety goggles.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	No data available.
<b>Odor Threshold</b>	No data available.
<b>Flash point</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Melting point</b>	No data available.
<b>Explosion limits</b>	No data available.
<b>Specific Gravity</b> available.	No data
<b>Vapor density</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Physical State at RT</b>	No data available.
<b>Odor</b>	No data available.
<b>Autoignition temperature</b>	No data available.
<b>Boiling point</b>	No data available.
<b>Flammability Limits in Air</b>	No data available.
<b>solubility</b>	No data available.
<b>Vapor Pressure at RT (kPa)</b>	No data available.
<b>VOCC content (%)</b>	No data available.
<b>pH</b>	7.60

## 10. STABILITY AND REACTIVITY

### Incompatible products

No information supplied.

### Stability

Stable under recommended storage conditions.

**Hazardous polymerization** Hazardous polymerization does not occur.**Conditionsto avoid** No information supplied.**Hazardous decomposition products** No informationsupplied.**11. TOXICOLOGICAL INFORMATION****Acute toxicity****ProductInformation** No data available.

Chemical Name	LD50 Oral	LD50 Dermal
Sodium azide	27 mg/kg ( Rat )	50 mg/kg ( Rat ) 20 mg/kg ( Rabbit)

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product have no data.

**13. DISPOSAL CONSIDERATIONS****Wastedisposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminatedpackaging**

Do not re-use empty containers.

**14. TRANSPORT INFORMATION****DOT** Not dangerous**IATA** Not dangerous**ADR** Not dangerous**15. REGULATORY INFORMATION****U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
FireHazard	no
Sudden Release of Pressure Hazard	no
ChronicHealth Hazard	no
ReactiveHazard	no

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium azide	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

## 16. OTHER INFORMATION

**Full text of H-Statements referred to under sections 3**

H300 - Fatal if swallowed H310 - Fatal in contact with skin

H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects

**RevisionDate**

08-June-2020

**RevisionNote**

No information available.

**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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

**End of MSDS**

**Material Safety Data Sheet(MSDS)**

Revision Date: 08-June-2020

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**SKU#** VB-6017  
**Productname** RTU biotinylated anti-rabbit secondary antibody

**Contact Manufacturer**

**VivoVivo Biotech, LLC**  
 405 E Gude Drive, Suite 214  
 Rockville, MD 20850  
 USA

Phone: 301-500-0499  
 Toll free: 1-800-260-9817  
 Email: info@vivotivo.com

**2. COMPOSITION/INFORMATION ON INGREDIENTS**
**GHS - Classification**

Ozone	Not applicable
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**GHS Label elements, including precautionary statements**

Not dangerous

**Other information**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**
**Substances**

Chemical Name	CAS-No	Weight %	Classification (Reg. 1272/2008)
Hydrogen peroxide	7722-84-1	0.1-1	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Skin Corr. 1A (H314) Eye Dam. 1 (H318)
Sodium azide	26628-22-8	0.1-1	Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)

**For the full text of the H-Statements mentioned in this Section, you can find it in section 16.**

#### 4. FIRST AID MEASURES

Eyecontact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15minutes.
Inhalation	Move to freshair.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water. Drink plenty ofwater.
Notesto physician	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable.
<b>Flashpoint</b>	not determined
<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b><u>Explosion Data</u></b>	
<b>Sensitivity toMechanical Impact</b>	No data available
<b>Sensitivity toStatic Discharge</b>	No data available
<b>Protective equipment and precautions for firefighters</b>	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.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personalprecautions</b>	Ensure adequate ventilation.
<b>Environmentalprecautions</b>	Try to prevent the material from entering drains or water courses.
<b>Methodsfor containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

<b>Advice onsafe handling</b>	Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.
<b>Technical measures/Storage conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

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

*NIOSH IDLH: Immediately Dangerous to Life or Health*

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Sodium azide 26628-22-8	Ceiling: 0.29 mg/m <sup>3</sup> NaN <sub>3</sub> Ceiling: 0.11 ppm Hydrazoic acid vapor	(vacated) S* (vacated) Ceiling: 0.1 ppm HN <sub>3</sub> (vacated) Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>	Ceiling: 0.1 ppm HN <sub>3</sub> Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>

### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965F.2d 962 (11th Cir., 1992).

### Engineering measures

Showers Eyewash stations  
Ventilation systems

### Personal protective equipment

#### Skin and body protection

Long sleeved clothing. Protective gloves.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Eye/face protection

Tightly fitting safety goggles.

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	No data available.
<b>Odor Threshold</b>	No data available.
<b>Flash point</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Melting point</b>	No data available.
<b>Explosion limits</b>	No data available.
<b>Specific Gravity</b>	No data available.
<b>Vapor density</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Physical State at RT</b>	No data available.
<b>Odor</b>	No data available.
<b>Autoignition temperature</b>	No data available.
<b>Boiling point</b>	No data available.
<b>Flammability Limits in Air</b>	No data available.
<b>solubility</b>	No data available.
<b>Vapor Pressure at RT (kPa)</b>	No data available.
<b>VOCC Content (%)</b>	No data available.
<b>pH</b>	No data available.

## 10. STABILITY AND REACTIVITY

<b>Incompatible products</b>	No information supplied.
<b>Stability</b>	Stable under recommended storage conditions.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	No information supplied.
<b>Hazardous decomposition products</b>	No information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Product Information** No data available.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen peroxide	801 mg/kg ( Rat )	4060 mg/kg ( Rat ) 2000 mg/kg ( Rabbit )	2 mg/L ( Rat ) 4 h
Sodium azide	27 mg/kg ( Rat )	50 mg/kg ( Rat ) 20 mg/kg ( Rabbit )	

### Chronic toxicity

#### **Carcinogenicity**

This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide	A3	Group 3		

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Target Organ Effects** No data available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product have no data.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal methods</b>	This material, as supplied, is not a hazardous waste according otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
<b>Contaminated packaging</b>	Do not re-use empty containers.
<b>US EPA Waste Number</b>	P105

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Sodium azide - 26628-22-8		P105		

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Hydrogen peroxide	Toxic Corrosive Ignitable Reactive
Sodium azide	Ignitable Reactive

#### 14. TRANSPORT INFORMATION

**DOT** Not dangerous

**IATA** Not dangerous

**ADR** Not dangerous

#### 15. REGULATORY INFORMATION

##### U.S. Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Chronic Health Hazard</b>	no
<b>Reactive Hazard</b>	no

##### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium azide	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ
Hydrogen peroxide		1000 lb	

#### 16. OTHER INFORMATION

##### **Full text of H-Statements referred to under sections 3**

H300 + H310 - Fatal if swallowed or in contact with skin

H302 + H332 - Harmful if swallowed or if inhaled

H314 - Causes severe skin burns and eye damage H318 - Causes serious eye damage

H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects

**RevisionDate** 08-June-2020  
**RevisionNote** No information available.

**Disclaimer**

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**End of MSDS**

**Material Safety Data Sheet(MSDS)**

Revision Date: 08-June-2020

<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING</b>
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**SKU#** VB-6017  
**Productname** RTU streptavidin-HRP

**Contact Manufacturer**

**VivoVivo Biotech, LLC**  
 405 E Gude Drive, Suite 214  
 Rockville, MD 20850  
 USA

Phone: 301-500-0499  
 Toll free: 1-800-260-9817  
 Email: info@vivoVivo.com

<b>2. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**GHS - Classification**

Ozone	Not applicable
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**GHS Label elements, including precautionary statements**

Not dangerous

**Other information**

No information available

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Substances**

Chemical Name	CAS-No	Weight %	Classification (Reg. 1272/2008)
Sodium azide	26628-22-8	0.1-1	Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)

**For the full text of the H-Statements mentioned in this Section, you can find it in section 16.**

#### 4. FIRST AID MEASURES

Eyecontact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15minutes.
Inhalation	Move to freshair.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water. Drink plenty ofwater.
Notesto physician	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable.
<b>Flashpoint</b>	not determined
<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Explosion Data</b>	
<b>Sensitivity toMechanical Impact</b>	No data available
<b>Sensitivity toStatic Discharge</b>	No data available
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personalprecautions</b>	Ensure adequate ventilation.
<b>Environmentalprecautions</b>	Try to prevent the material from entering drains or water courses.
<b>Methodsfor containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Advice on safe handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.

### Technical measures/Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

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

*NIOSH IDLH: Immediately Dangerous to Life or Health*

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium azide 26628-22-8	Ceiling: 0.29 mg/m <sup>3</sup> NaN <sub>3</sub> Ceiling: 0.11 ppm Hydrazoic acid vapor	(vacated) S* (vacated) Ceiling: 0.1 ppm HN <sub>3</sub> (vacated) Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>	Ceiling: 0.1 ppm HN <sub>3</sub> Ceiling: 0.3 mg/m <sup>3</sup> NaN <sub>3</sub>

### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d962 (11th Cir., 1992).88888

### Personal protective equipment

#### Skin and body protection Respiratory protection

Long sleeved clothing. Protective gloves.  
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Eye/face protection

Tightly fitting safety goggles.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** No data available.

**Odor Threshold** No data available

**Flash point** No data available.

**Decomposition temperature** No data available.

**Melting point** No data available.

**Explosion limits** No data available.

<b>Specific Gravity</b>	No data available.
<b>Vapordensity</b>	No data available.
<b>Evaporationrate</b>	No data available.
<b>PhysicalStateat RT</b>	No data available.
<b>Odor</b>	No data available.
<b>Autoignitiontemperature</b>	No data available.
<b>Boiling point</b>	No data available.
<b>Flammability Limits in Air</b>	No data available.
<b>solubility</b>	No data available.
<b>Vapor Pressure at RT(kPa)</b>	No data available.
<b>VOCContent(%)</b>	No data available.
<b>pH</b>	7.60

## 10. STABILITY AND REACTIVITY

<b>Incompatibleproducts</b>	No information supplied.
<b>Stability</b>	Stable under recommended storageconditions.
<b>Hazardouspolymerization</b>	Hazardous polymerization does not occur.
<b>Conditionsto avoid</b>	No information supplied.
<b>Hazardous decomposition products</b>	No informationsupplied.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**ProductInformation** No data available.

Chemical Name	LD50 Oral	LD50 Dermal
Sodium azide	27 mg/kg ( Rat )	50 mg/kg ( Rat ) 20 mg/kg ( Rabbit)

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product have no data.

## 13. DISPOSAL CONSIDERATIONS

<b>Wastedisposal methods</b> according to Federal regulations if it is mixed with or chemical additions are made altered. Consult 40 CFR 261 to Consult theappropriate state,	This material, as supplied, is not a hazardous waste (40CFR 261). This material could become a hazardous waste otherwise comes in contact with a hazardous waste, if to this material, or if the material is processed or otherwise determine whether the altered material is a hazardous waste. regional, or local regulations for additional requirements.
<b>Contaminatedpackaging</b>	Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT** Not dangerous



**IATA** Not dangerous

**ADR** Not dangerous

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Chronic Health Hazard</b>	no
<b>Reactive Hazard</b>	no

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium azide	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

## 16. OTHER INFORMATION

#### **Full text of H-Statements referred to under sections 3**

H300 - Fatal if swallowed H310 - Fatal in contact with skin

H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects

**Revision Date** 08-June-2020  
**Revision Note** No information available.

#### **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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

**End of MSDS**