



<b>Metabiologics</b> 	<b>SAFETY DATA SHEET</b>	<b>PAGE: 1 of 6</b>
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins		
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS
		<b>EFFECTIVE DATE:</b> 01-MAY-2022

<b>Section 1: Identification of the substance/mixture of the company/ undertaking</b>	
<b>1.1 Product Name</b>	Polyclonal Antibodies from Animal Serum Immunoglobulin Proteins, Specific for Botulinum Neurotoxins
<b>1.2 Relevant identified uses of the substance or mixture and uses advises against</b>	Laboratory and research use only. Material is not suitable for clinical nor diagnostic use in humans nor in other animals.
<b>1.3 Details of the supplier of the safety data sheet</b>	Metabiologics 505 South Rosa Road Madison, WI 53719 USA Telephone: 1-949-269-3260
<b>1.4 Emergency Phone #</b>	+1-813/248-0573 or 800/ 255-3924 VelocityEHS (ChemTel) MIS0003127

<b>Section 2: Hazard(s) Identification</b>	
<b>2.1 Classification of the substance or mixture</b>	Not classified
<b>2.2 GHS Label Elements, including precautionary statements</b>	No label element(s) required
<b>2.3 Hazards not otherwise classified (HNOC) or not covered by GHS</b>	Mixture contains sodium azide (NaN <sub>3</sub> ) as a preservative

<b>Section 3: Composition/Information on Ingredients</b>			
<b>Hazardous Component</b>	<b>CAS No.</b>	<b>Percent (%)</b>	<b>Classification</b>
Sodium azide (NaN <sub>3</sub> )	26628-22-8	≤ 0.1	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic 1

<b>Section 4: First-Aid Measures</b>	
<b>4.1 Description of first-aid measures</b>	<b>If inhaled</b> After inhalation: Remove to fresh air. <b>In case of skin contact</b> Take off immediately all contaminated clothing. Rinse with water/shower. <b>In case of eye contact</b> Rinse out with plenty of water. Remove contact lenses. <b>If swallowed</b> After swallowing: make victim drink water (two glasses at most). Call a physician if feeling unwell.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	Not expected to present a significant hazard under anticipated conditions of normal use

<b>Metabiologics</b> 	<b>SAFETY DATA SHEET</b>	<b>PAGE: 2 of 6</b>
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins		
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS
		<b>EFFECTIVE DATE:</b> 01-MAY-2022

### Section 4: First-Aid Measures

<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	No data available
---	-------------------

### Section 5: Fire-Fighting Measures

<b>5.1 Extinguishing media</b>	<b>Suitable extinguishing agents</b> Water Foam Dry powder Carbon dioxide Sand <b>Unsuitable extinguishing media</b> For this substance/mixture no limitations of extinguishing agents are given
<b>5.2 Special hazards arising from the substance or mixture</b>	Nature of decomposition products are unknown
<b>5.3 Advice for firefighters</b>	In the event of fire, wear self-contained breathing apparatus
<b>5.4 Further information</b>	None

### Section 6: Accidental Release Measures


<b>6.1 Personal Precautions, protective equipment, and emergency procedures</b>	Advice for non-emergency personnel: Avoid inhalation of dusts and evacuate the danger area, observe emergency procedures, and consult an expert. For personal protection, see section 8.
<b>6.2 Environmental Precautions</b>	None known
<b>6.3 Methods and materials for containment and cleaning up</b>	Ventilate area. Initiate clean up. If the product is dry, mop up. If product is in solution, use an absorbent material to pick up the solution. Once spent, place contaminated disposables into a suitable container, seal, label, and dispose.
<b>6.4 Reference to other sections</b>	For disposal, see section 13

### Section 7: Handling and Storage

<b>7.1 Precautions for safe handling</b>	Handle according to standard laboratory procedures for BSL-1 containment
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	<b>Storage conditions</b> Tightly closed. Storage at refrigerated temperatures for shorter durations (less than 2 months). <b>Storage stability</b> Recommended storage temperature: Short durations: 2-8°C Longer durations: -20°C
<b>7.3 Specific end use(s)</b>	Apart from the uses in section 1.2, no other specific uses are stipulated

### Section 8: Exposure Controls/Personal Protection

<b>8.1 Control parameters</b>	<b>Ingredients with workplace control parameters</b> Contains no substances with occupational exposure limit values
<b>8.2 Exposure controls</b>	<b>Appropriate engineering controls</b>


	<b>SAFETY DATA SHEET</b>	<b>PAGE:</b> 3 of 6	
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins			
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS	<b>EFFECTIVE DATE:</b> 01-MAY-2022

### Section 8: Exposure Controls/Personal Protection

	<p>Change contaminated clothing. Wash hands after working with substance</p> <p><b>Personal protective equipment</b></p> <p><b>Eye/face protection</b>  Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.</p> <p><b>Skin protection</b>  Handle with impervious gloves. This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use.</p> <p><b>Respiratory protection</b>  Required when dusts are generated</p> <p><b>Control of environmental exposure</b>  None known</p>
--	---


### Section 9: Physical and Chemical Properties

<b>9.1 Information on basic physical and chemical properties</b>	<p><b>a) Appearance</b>  Form: Clear, colorless liquid</p> <p><b>b) Oder</b>  No data available</p> <p><b>c) Odor Threshold</b>  No data available</p> <p><b>d) pH</b>  Varies</p> <p><b>e) Melting point/freezing point</b>  No data available</p> <p><b>f) Initial boiling point and boiling range</b>  No data available</p> <p><b>g) Flash Point</b>  No data available</p> <p><b>h) Evaporation rate</b>  No data available</p> <p><b>i) Flammability (solid, gas)</b>  No data available</p> <p><b>j) Upper/lower flammability or explosive limits</b>  No data available</p> <p><b>k) Vapor pressure</b>  No data available</p> <p><b>l) Vapor density</b>  No data available</p> <p><b>m) Relative density</b></p>
--	--


<b>Metabiologics</b> 	<b>SAFETY DATA SHEET</b>	<b>PAGE: 4 of 6</b>
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins		
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS
		<b>EFFECTIVE DATE:</b> 01-MAY-2022

<b>Section 9: Physical and Chemical Properties</b>	
	No data available <b>n) Water solubility</b> No data available <b>o) Partition coefficient: n-octanol/water</b> No data available <b>p) Autoignition temperature</b> No data available <b>q) Decomposition temperature</b> No data available <b>r) Viscosity</b> No data available <b>s) Explosive properties</b> No data available <b>t) Oxidizing properties</b> No data available
<b>9.2 Other safety information</b>	No data available

<b>Section 10: Stability and Reactivity</b>	
<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical Stability</b>	The product is chemically stable under standard ambient conditions (room temperature)
<b>10.3 Possibility of hazardous reactions</b>	No data available
<b>10.4 Conditions to Avoid</b>	No information available
<b>10.5 Incompatible Materials</b>	Strong oxidizing agents
<b>10.6 Hazardous Decomposition Products</b>	In the event of a fire: see section 5

	<b>SAFETY DATA SHEET</b>	<b>PAGE: 5 of 6</b>	
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins			
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS	<b>EFFECTIVE DATE:</b> 01-MAY-2022

<b>Section 11: Toxicological Information</b>	
<b>11.1 Information on toxicological effects</b>	<p><b>Acute Toxicity:</b>  Oral: No data available  Inhalation: No data available  Dermal: No data available</p> <p><b>Skin corrosion/irritation</b>  No data available</p> <p><b>Serious eye damage/eye irritation</b>  No data available</p> <p><b>Respiratory or skin sensitization</b>  No data available</p> <p><b>Germ cell mutagenicity</b>  No data available</p> <p><b>Carcinogenicity</b>  IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC</p> <p>NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP</p> <p>OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA</p> <p><b>Reproductive toxicity</b>  No data available</p> <p><b>Specific target organ toxicity – single exposure</b>  No data available</p> <p><b>Specific target organ toxicity – repeated exposure</b>  No data available</p> <p><b>Aspiration hazard</b>  No data available</p>
<b>11.2 Additional information</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

<b>Metabiologics</b> 	<b>SAFETY DATA SHEET</b>	<b>PAGE: 6 of 6</b>
<b>TITLE:</b> Safety Data Sheet (SDS) for Polyclonal Antibodies Specific for <i>C. botulinum</i> Neurotoxins		
<b>DOCUMENT NUMBER:</b> SDS-MTA-001	<b>VERSION:</b> 01	<b>OWNER:</b> EHS
		<b>EFFECTIVE DATE:</b> 01-MAY-2022

<b>Section 12: Ecological Information</b>	
<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	PBT/vPvB assessment not available as chemical safety assessment not required or conducted.
<b>12.6 Other adverse effects</b>	No data available

<b>Section 13: Disposal Considerations</b>	
<b>13.1 Waste treatment methods</b>	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state, and federal regulations

<b>Section 14: Transport Information</b>	
<b>DOT (US)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods
<b>Further information</b>	Not classified as dangerous in the meaning of transport regulations

<b>Section 16: Other Information</b>	
<p>The above information is believed to be correct but does not claim to be all inclusive and should be used as a guide. The information is based on our present state of knowledge and is applicable to the product regarding safety precautions. It does not guarantee the properties of the product and Metabiologics, Inc. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.</p>	