

SAFETY DATA SHEET (SDS)

1. Product Identification:

Product Name:	NATrol™ Clostridium difficile Negative Control
Catalog Number:	NATCSO-6MC-IVD
Product ID Number (CAS #)	Not Applicable.
Intended use of the product:	Class 1 exempt, unassayed, <i>in vitro</i> , diagnostic external run controls intended for use with qualitative molecular assays
Manufacture:	ZeptoMetrix LLC 25 Kenwood Circle
Address:	Franklin MA 02038 United States of America
Emergency telephone number:	(508)553-5800 or 1-800-274-5487 (US Toll Free)

2. Hazard(s) Identification:

Classification of the substance or chemical:	This product does not contain substances or a mixture which may be considered as being dangerous, in a quantity that warrants hazard pictograms in the sense of Regulation (EC) No 1272/2008.
Classification:	This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Hazard Pictograms	Biohazard symbol.
Signal word:	None.
Hazard statements:	Potential Biohazard, Use Universal Precautions.
Precautionary statement:	None.
Other hazards:	May present unknown hazards and should be handled as if capable of transmitting infectious agents.
Unknown acute toxicity:	No unknown acute toxicity.

3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
Sodium Azide*	26628-22-8	≤ 0.09%	N/A

*Below reportable limits

4. First Aid/Emergency Measures:

Description of first aid measures	
First-aid measures General:	If you feel unwell, seek medical advice.
First-aid measures after Eye Contact:	Rinse cautiously with copious amounts of water for several minutes.
First-aid measures after Skin Contact:	Remove contaminated clothing and immediately rinse skin with copious amounts of water followed by washing with soap and copious amounts of water.
First-aid measures after Ingestion:	If the person is unconscious, seek emergency medical attention: never give anything by mouth to an unconscious person. If the person is conscious, wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.
First-aid measures after Inhalation:	If person is unconscious, seek emergency medical attention. If person is conscious, remove to fresh air and call a physician.
Most important symptoms and effects, both acute and delayed	
Symptoms/injuries after Eye Contact:	Seek medical assistance if persist.
Symptoms/injuries after Skin Contact:	Seek medical assistance if persist.
Symptoms/injuries after Ingestion:	Seek medical assistance if persist.
Symptoms/injuries after Inhalation:	Seek medical assistance if persist.
Indication of any immediate medical attention and special treatment needed: No special measures required.	

5. Fire and Explosion Measures:

Extinguishing Media	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Special hazards arising from the substance or mixture	
Fire hazard:	No known hazards.
Explosion hazard:	No known hazards.
Reactivity:	No known hazards.
Advice for firefighters	
Firefighting instructions:	Exercise caution when fighting a fire.
Protection during firefighting:	Firefighters should wear protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures:

Personal precautions, protective equipment and emergency procedures	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
For non-emergency personnel	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
For emergency responders	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
Methods and material for containment and cleaning up	
For containment:	Contain material in accordance to State and Federal regulations.
Methods for cleaning up:	Follow and dispose of material in accordance to State and Federal waste disposal regulations.

7. Handling and Storage:

Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures. Use Universal Precautions.
Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in the original container. Keep container closed when not in use.
Incompatible products:	No data available.
Incompatible materials:	No data available.
Storage:	Recommended storage temperature 2-8°C (36-46°F).

8. Exposure Controls and Personal Protection:

Appropriate engineering controls:	Use Universal Precautions. Product may present unknown biohazard.
Personal Protective Equipment:	Use laboratory coat, protective gloves, safety glasses and suitable protective clothing.
Pictograms:	
Eye/Face protection:	Wear in accordance with good laboratory practices and safety procedures.
Skin and body protection:	Wear in accordance with good laboratory practices and safety procedures.
Respiratory protection:	Wear in accordance with good laboratory practices and safety procedures.
Hand protection:	Wear in accordance with good laboratory practices and safety procedures.
Mechanical protection:	Wear in accordance with good laboratory practices and safety procedures.
Special work practices:	Follow purchaser's safety program.

9. Physical and Chemical Properties:

Physical State:	Liquid at room temperature.
Appearance/color:	Clear, pale amber solution.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Boiling point:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability:	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies):	No data available.
Partition coefficient:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Other information:	No data available.

10. Stability and Reactivity:

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	No data available.
Incompatible materials:	No data available.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information:

Skin corrosion/irritation:	May cause mild irritation.
Eye damage/irritation:	May cause mild irritation.
Respiratory damage/irritation:	May cause mild irritation.
Ingestion damage/irritation:	May cause mild irritation.
Specific target organ toxicity (single exposure):	No data available.
Specific target organ toxicity (repeated exposure):	No data available.
Numerical measure of toxicity:	No data available.
Symptoms/injuries after skin contact:	No data available.
Symptoms/injuries after eye contact:	No data available.
Symptoms/injuries after inhalation:	No data available.
Symptoms/injuries after ingestion:	No data available.

12. Ecological Information:

Ecotoxicity:	The product does not contain significant quantities of ingredients that are environmentally toxic.
Persistence and degradability:	The product is unlikely to persist in the environment.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

13. Disposal Information:

Waste disposal recommendations:	Dispose of material in accordance to local, State and Federal waste disposal regulations concerning potentially biohazardous waste.
--	---

14. Transport Information:

UN number	Not Regulated.
UN proper shipping name	Not Regulated.
Hazard Classes	Not Applicable.
Environmental hazards	Not Applicable.
Transport in bulk	Not Applicable.
(According to MARPOL 73/78 and IBC Code)	
Special precautions	None.

15. Regulatory Information:

SARA 311/312:	Not listed.
Canadian WHMIS Classification	No information Available.
REACH (Regulation (EC) 1907/2006):	This product does not contain any of the restricted substances in REACH Annex XVII or any Substances of Very High Concern (SVHC) published list, thus this regulation is not applicable.
RoHS (Directive 2011/65/EU and 2015/863):	ZeptoMetrix LLC does not supply any electrical or electronic equipment or raw materials or components used in the manufacture of electrical or electronic equipment, thus this directive is not applicable.
WEEE (Directive 2012/19/EU):	ZeptoMetrix LLC does not supply any electrical or electronic equipment or raw materials or components used in the manufacture of electrical or electronic equipment, thus this directive is not applicable.
California Proposition 65:	This product does not contain chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.
CLP (Regulation (EC) No 1272/2008):	The device does not contain substances or a mixture which may be considered as being dangerous, in a quantity that warrants hazard pictograms.

16. Other Information:

Preparation Date	06/01/2023
------------------	------------

DISCLAIMER

The information, data and recommendations contained herein ("Information") are based upon information believed by ZeptoMetrix LLC ("ZM") to be reliable, however ZM neither warrants the accuracy or completeness of the Information. ZM MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, WHATSOEVER, WITH REGARD TO THE INFORMATION OR THE PRODUCT DESCRIBED HEREIN, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR USE, NON-INFRINGEMENT., THAT THE PRODUCT WILL NOT POSE A SAFETY OR HEALTH RISK, OR THAT THE PRODUCT WILL ACCOMPLISH ANY PARTICULAR RESULT. ZM shall not be held liable or responsible for any damages or losses resulting from use of the product described herein or the Information.

All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinion regarding the risk of handling or exposure should be obtained from trained professionals.