


SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name	Direct TIBC Calibrators
Catalog number	S2-76
Product use	For use in the calibration of the Direct TIBC assay in serum.
Company name	Alfa Wassermann Diagnostic Technologies, LLC
Company address	4 Henderson Drive West Caldwell, New Jersey 07006
Country	USA
Telephone number	1-800-220-4488
Fax number	1-973-276-0383
Email	info@alfawassermannus.com
Website	www.AWDT.us
Emergency telephone number	Toll Free: 1-866-419-ALFA (2532)

SECTION 2 – HAZARDS IDENTIFICATION

Hazard classification	This product is not considered hazardous under 29 CFR 1910.1200.
GHS label elements	
Signal word	Biohazard.
General hazard	Not applicable.
Potential health effects	
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.
Other hazards	
Eyes	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause irritation of upper respiratory tract.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic effects	None known.

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS		
Hazardous Ingredients	CAS Number	%
Direct TIBC Calibrator 1		
Human serum, normal pool	NA	>99.9
Sodium azide	26628-22-8	<0.05
Direct TIBC Calibrator 2		
Human serum, normal pool	NA	>99.5
Sodium azide	26628-22-8	<0.05
Transferrin	NA	<0.5

SECTION 4 – FIRST AID MEASURES	
Skin contact	Remove contaminated clothing and wash with soap and plenty of water. Seek medical attention.
Eye contact	Immediately flush with plenty of water or eye wash solution for up to ten minutes. Seek medical attention.
Inhalation	Remove victim to fresh air. Seek medical attention.
Ingestion	Wash out mouth thoroughly with water. Seek medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES	
Flammable	No
Hazardous combustion products	No data available.
Extinguishing media	Extinguish with water spray, carbon dioxide, dry chemical or material appropriate for the surrounding fire.
Protection of firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapors.
Firefighting instructions	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 – ACCIDENTAL RELEASE MEASURES	
Personal precautions	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protecting clothing. Ensure adequate ventilation and treat material as you would hazardous materials.
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Methods for containment and cleaning up	Absorb spill with vermiculite or other inert material. Place in suitable container for prompt disposal. Label the container as potentially hazardous. Spill areas can be decontaminated with 0.5% sodium hypochlorite, e.g., a fresh 1:10 dilution of common household bleach. Dispose of waste in accordance with all applicable federal, state, local and provincial environmental regulations.

SECTION 7 – HANDLING AND STORAGE

Handling	Wear safety glasses, disposable gloves and protective clothing. Wash thoroughly after handling. Handle and open container with care.
Storage	Store at 2-8°C.

SECTION 8 – EXPOSURE CONTROL/ PERSONAL PROTECTION

Exposure limits		
Component	Type	Value
Sodium azide	ACGIH TLV: Ceiling	0.29 mg/m ³
	ACGIH TLV: Ceiling	0.11 ppm
	OSHA PEL: Ceiling	0.1 ppm
	OSHA PEL Ceiling	0.3 mg/m ³
Personal protective equipment	<input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Lyophilized, solid.
Color	White.
Odor	Not available.
pH value	Not available.
Boiling point (°C)	Not available.
Melting point (°C)	Not available.
Flash point	Not available.
Ignition temperature	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Solubility in water	Soluble.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Incompatible materials	Heavy metals, strong oxidizing agents, strong acids and acid chlorides.
Hazardous decomposition products	None known.
Conditions to avoid	Avoid dust formation. Incompatible products. Excess heat.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological data	
Component	Test Results
Sodium azide	Oral LD50 Rat: 27 mg/kg
	Dermal LD50 Rabbit: 20 mg/kg
	Dermal LD50 Rat: 50 mg/kg
Acute effects	No data available.
Chronic effects	No data available.
Carcinogenicity	There are no known carcinogenic chemicals in this product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal Contaminated instruments and surfaces should be disinfected in accordance with your employer's chemical-specific and universal/ standard precautions.

Dispose in accordance with all applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT/ IATA/ IMDG/ TDG Not regulated

SECTION 15 – REGULATORY INFORMATION

US federal regulations This product is not hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazard symbol Biohazard.

Warnings Not applicable.

SECTION 16 – OTHER INFORMATION

Supplier's notes The safety data sheet has been compiled, controlled and approved in accordance with the regulations in force. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise the Safety Data Sheet periodically as new information becomes available.

Recommended restrictions on use For in vitro diagnostic use only.

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END OF SDS