ALFA WASSERMANN
Diagnostic Technologies, LLC

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name	Total Thyroxine (T4) Calibrators
Catalog number	S3-4
Product use	For use in the calibration of the total thyroxine (T4) assay in serum and lithium heparin plasma.
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 to mucous membranes and upper respiratory tract.

Ingestion May be harmful if swallowed.

Chronic effects No data available.

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	%
Sodium azide	26628-22-8	0.1

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	Not applicable.
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	No exposure limits noted for the ingredient(s).
Personal protective equipment	☑ Gloves ❒ Respirator ☑ Eye ❒ Footwear ☑ Clothing ❒ Other

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Color	Clear, pale yellow.
Odor	Odorless.
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	Avoid copper or lead plumbing. Sodium azide when it contact with heavy metals may form explosive metal azides.
Hazardous decomposition products	Not available.
Conditions to avoid	Not available.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute effects	**Skin contact:** May cause irritation. **Eye contact:** May cause irritation. **Ingestion:** May be harmful if swallowed. **Inhalation:** May cause irritation to mucous membranes and upper respiratory tract.
Chronic effects	No data available.
Carcinogenicity	No data available.

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	Not regulated as a hazardous material by DOT.	**IMDG**	Not regulated
IATA	Not regulated	**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 complied, 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.
Disclaimer of expressed and implied warranties	Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes.
Preparation information	P/N 701197-82 Rev B 7/14

END OF SDS