ALFA WASSERMANN
Diagnostic Technologies, LLC

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name	GEMCAL Reference Serum
Catalog number	S1-33
Product use	For the calibration of quantitative determinations made on Alfa Wassermann Clinical Chemistry Systems.
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 considered biohazardous.

GHS label elements



Signal word Biohazard.

General hazard Product contains human sourced and/or potentially infectious components.

Potential health effects

Routes of exposure Ingestion. Inhalation. Skin contact.

Other hazards

Inhalation May cause irritation to mucous membranes and upper respiratory tract.

Ingestion May be harmful if swallowed.

Chronic effects Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

SECTION 4 – FIRST AID MEASURES

Skin contact Wash with soap and plenty of water. Remove contaminated clothing and treat with dilute virucidal disinfectant (1%) briefly. Wash skin in detergent and water after swabbing with a virucidal disinfectant (such as Virkon).

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.

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.
Thermal decomposition	Not applicable.
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	May emit toxic fumes.
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.
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Methods for containment and cleaning up	Dispose of waste in accordance with all applicable federal, state, local and provincial environmental regulations.

SECTION 7 – HANDLING AND STORAGE

Handling	Wear gloves and protective clothing. Wash thoroughly after handling.
Storage	Store at 2-8°C.

SECTION 8 – EXPOSURE CONTROL/ PERSONAL PROTECTION

Exposure limits	Not available.
Personal protective equipment	☑ Gloves ☐ Respirator ☑ Eye ☐ Footwear ☑ Clothing ☐ Other

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Color	Clear yellow to yellow-orange solution when reconstituted.
Odor	None.
pH value	Not available.
Boiling point (°C)	Not available.
Melting point (°C)	Not available.
Flash point	Not available.
Ignition temperature	Not available.
Explosion limits	Not available.
Vapor pressure	Not available.
Density	Not available.
Solubility in water	Soluble.
Viscosity	Not available.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Incompatible materials	Strong oxidizing agents and acids.
Hazardous decomposition products	Not determined.
Conditions to avoid	Not determined.
Possibility of hazardous reactions	Hazardous polymerization will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute effects	Not determined.
Chronic effects	Not determined.
Carcinogenicity	Not determined.
Toxicity	Not determined.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

Disposal should include autoclaving at 121°C for 20 minutes prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.

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 considered biohazardous.
Hazard symbol	Biohazard.
Warnings	Material is of human origin; exercise due care.

SECTION 16 – OTHER INFORMATION

Supplier's notes	This 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 701197-140 Rev A 8/15

END OF SDS