



SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name	ALT Reagent
Catalog number	SA1046
Product use	For the quantitative determination of alanine aminotransferase activity 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 hazardous as defined by the OSHA29 CFR 1910.1200.	
GHS label elements	ALT Substrate 	ALT Coenzyme 
Signal word	Warning	Danger, Warning
Potential health effects	Inhalation. Ingestion. Skin contact. Eye contact.	
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.	
Other hazards		
Eyes	Causes serious eye irritation.	
Skin	Causes skin irritation.	
Inhalation	May cause respiratory irritation.	
Ingestion	Fatal if swallowed.	
Chronic effects	No data available	

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	%
AST Substrate Reagent		
Trometamol (Tris Base)	77-86-1	2.4
AST Coenzyme Reagent		
Sodium Azide	26628-22-8	0.9

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	None known.
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 available.
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 gloves appropriate protective 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	<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	Liquid
Color	Clear.
Odor	None.
pH value	Not applicable.
Boiling point (°C)	Not determined.
Melting point (°C)	Not determined.
Flash point	Not determined.
Ignition temperature	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Specific gravity	Not determined.
Solubility in water	Soluble.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Incompatible materials	No data available.
Hazardous decomposition products	None are known.
Conditions to avoid	Keep away from heat and source of ignition.
Possibility of hazardous reactions	Unknown.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute effects	ALT Coenzyme: Fatal if swallowed.
Chronic effects	No data available.
Carcinogenicity	Not applicable.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity/Aquatic Toxicity Effects	<p>ALT Substrate: 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.</p> <p>ALT Coenzyme: The product is classified as environmentally hazardous. It is very toxic to aquatic life with long lasting effects.</p>
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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 hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Hazard symbol	Danger and warning.

Warnings**ALT Coenzyme: Very toxic.****SECTION 16 – OTHER INFORMATION****Supplier's notes**

This 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.

Disclaimer of expressed and implied warranties

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Preparation information

P/N 701197-120 Rev B 8/14

END OF SDS