

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name	LDL-C Reagent
Catalog number	SA1040 and RX1026
Product use	For the quantitative determination of low density lipoprotein cholesterol (LDL-C) concentration 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 hazardous according to OSHA 29 CFR 1910.1200.	
GHS label elements	Not applicable.	
Signal word	Not applicable.	
General hazard	LDL Buffer: The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized. LDL Color Reagent: Health injuries are not known or expected under normal use.	
Potential health effects		
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.	
Other hazards	LDL Buffer	LDL Color Reagent
Eyes	May cause eye irritation.	May cause eye irritation.
Skin	May cause skin irritation.	May cause skin irritation.
Inhalation	Although there is no evidence that the enzyme(s) in this preparation induces specific respiratory hypersensitivity, all proteins are potential respiratory allergens and may result in respiratory sensitization in certain individuals after repeated and/or prolonged inhalation exposure, producing mild to severe symptoms similar to pollen allergy or asthma, including mucous membrane or eye irritation, itching of the skin or eyes, sneezing, nasal or sinus congestion, coughing, and tightness in the	In high concentrations, mists/vapors may irritate throat and respiratory system.

	chest. These symptoms may develop as late as 12 hours after exposure.	
Ingestion	May cause discomfort if swallowed.	May cause discomfort if swallowed.
Target organs	Not applicable.	Eyes.
Chronic effects	No data available.	No data available.

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	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	None expected.
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 ingredient(s)

Personal protective equipment Gloves Respirator Eye Footwear Clothing Other

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Properties	LDL Buffer	LDL Color Reagent
Physical state	Liquid.	Liquid.
Color	Pale yellow.	Slight yellow.
Odor	Odorless.	None.
Odor threshold	Not available.	Not available.
pH	6.4 - 6.6.	5.9 - 6.1.
Vapor pressure	Not available.	Not available.
Vapor density	Not available.	Not available.
Boiling point	Not available.	Not available.
Melting point/ Freezing point	Not available.	Not available.
Solubility in water	Soluble.	Soluble.
Specific gravity	Not available.	1.007.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability Stable under normal conditions.

Incompatible materials Strong oxidizers, strong acids, and strong bases.

Hazardous decomposition products None known.

Conditions to avoid Avoid high temperatures.

Possibility of hazardous reactions Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute effects May cause discomfort if swallowed.

Local effects **LDL Buffer:** May cause irritation on direct contact.

LDL Color Reagent: Ingestion may cause irritation and malaise.

Chronic effects No data available.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

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 Not applicable.

Warnings Not applicable.

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.

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Preparation information P/N 701197-75 Rev C 7/14

END OF SDS