

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: **Asanté Dried Blood Specimen Collection Strips**

FILE NO.: LN-6115-00

MSDS DATE: 17 NOV 14

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Asanté Dried Blood Specimen Collection Strips
SYNONYMS: N/A
PRODUCT CODES: 1818 (Sample Pack, 7 each of 3, 5 and 10 mm wide strips)
1819-025, -100, -250 (3 mm wide strips; available as 25, 100 and 250 packages)
1820-025, -100, -250 (5 mm wide strips; available as 25, 100 and 250 packages)
1821-025, -100, -250 (10 mm wide strips; available as 25, 100 and 250 packages)

MANUFACTURER: Sedia Biosciences Corp
ADDRESS: 4900 NE 122nd Ave
Portland OR 97230

EMERGENCY PHONE: +1 (503) 459-4159
FAX PHONE: +1 (503) 459-4168

SECTION 2: HAZARDS IDENTIFICATION

Hazard description:

This product represents no significant risk to the user when used as intended and according to the product insert.

Information pertaining to particular dangers for man and environment:

Flammable when ignition source applied but auto-extinguishes when ignition source is removed; may release Hydrogen Chloride vapors when burning which may cause respiratory irritation if inhaled.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)

Health = 1
Fire = 1
Reactivity = 0

WHMIS ratings (scale 0 - 4)

Health = 1
Fire = 1
Reactivity = 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Asanté Dried Blood Specimen Collection Strips – potentially hazardous ingredients:

CAS#	EINECS	Chemical Name	Kit Component (s)	Weight %	Classifications, Hazard and Risk Statements
9002-86-2	206-625-7	Polyvinyl Chloride (PVC)	Strip backing	60-80%	Flammable solid H228, May cause respiratory irritation (when burning) H335

Contains no other ingredients considered hazardous.

SECTION 4: FIRST AID MEASURES

Inhalation: If the product is burning and inhalation of fumes occurs, move to fresh air and vent. Obtain medical attention immediately.

Ingestion: If material is ingested, seek medical attention. No known hazards.

Skin or Eye Contact: If irritation develops, seek medical attention. No known hazards.

SECTION 5: FIRE-FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0
OTHER: May release Hydrogen Chloride vapors on burning.

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0
PROTECTION: None required during normal use.

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Remove any source of ignition. Material auto-extinguishes and will not continue to burn after removal of ignition source. Toxic and corrosive hydrogen chloride vapor is formed by heating.

Protective equipment: Do not inhale combustion gases. In major fire situations, self contained breathing apparatus should be used.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Collect and dispose of material as waste according to all applicable regulations. Used strips containing blood or other potentially biohazardous materials should be disposed of according to regulations pertaining to disposal of biohazards.

SECTION 7: HANDLING AND STORAGE

Information for safe handling: Practice reasonable care and caution when handling.

Information about protection against explosions and fires: Keep away from extreme heat or sources of ignition.

Requirements for storerooms and receptacles: No special requirements.

Information about storage in central storage facility: Not required.

Further information about storage conditions: None.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems: None.

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that must be monitored in the workplace.

Personal protective equipment: None during normal use. When using to collect potentially biohazardous specimens, observe Universal Precautions.

Protection of hands: Use gloves to protect hands when using material to collect potentially biohazardous specimens.

Material of gloves: Vinyl, latex or nitrile based.

Glove material break through time: The exact break through time is the responsibility of the glove manufacturer and should be observed by the end user.

Eye protection: Splash proof or tightly sealed goggles when using to collect specimens that are potentially biohazardous.

General protective and hygienic measures:

- Practice Universal Precautions if used to collect human blood, tissue or body fluids.
- Keep strips containing biohazardous specimens away from foodstuffs, beverages and feed.
- After handling used strips containing biohazardous specimens, immediately remove any soiled and contaminated clothing.
- After collecting biohazardous specimens, wash hands before breaks and at the end of work.
- Avoid contact of biohazardous specimens with eyes and skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Absorbent pad on PVC backer.

Color: White.

Odor: None.

Change in condition

Melting point / Melting range: For PVC, occurs over a wide range >100°C.

Boiling point / Boiling range: Not applicable.

Flash point:

For PVC, >350°C.

Auto igniting:

None.

Danger of explosion:

None.

Density at 20°C:

Undetermined.

Miscibility with Water:

None.

SECTION 10: STABILITY AND REACTIVITY

Thermal decomposition

Hydrogen Chloride vapors can be released at elevated temperatures from PVC (120-150°C).

Conditions to be avoided

Sources of ignition.

Dangerous products of decomposition:

Thermal decomposition of PVC will release vapors of Hydrogen Chloride.

Dangerous reactions:

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50: Undetermined.

Inhalation LC50: Undetermined.

Dermal LD50: Undetermined.

Primary irritant effect on the skin:

Undetermined.

Primary irritant effect on the eye:

Undetermined.

Sensitization:

No sensitizing effects known unless burned.

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Inhalation: If burned, may cause respiratory tract irritation.
Ingestion: Undetermined.
Skin: Undetermined.
Eye: Undetermined.
Signs and Symptoms of Exposure: Undetermined.
Synergistic effects: Undetermined.

SECTION 12: ECOLOGICAL INFORMATION

Material is not decomposed by weathering or by microorganisms. Do not dispose into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal method: Dispose in accordance with local or national regulations. Bury in an authorized landfill or incinerate under approved controlled conditions using a licensed disposal company.
Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

SARA

Section 302: Not regulated.
Section 313: Not regulated.

TSCA (Toxic Substances Control Act, Proposition 65):

Chemicals known to cause cancer: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Carcinogenicity:

EPA (Environmental Protection Agency): None of the ingredients are listed.
IARC (International Agency for Research on Cancer): None of the ingredients are listed.
NTP (National Toxicology Program): None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients are listed.

Hazard Statements: H228 Flammable solid.
H335 May cause respiratory irritation [if burned].
Risk Statements: P210 Keep away from open flames/hot surfaces.
P342 P313 If experiencing respiratory symptoms, get medical attention.
P370 P381 In case of fire, eliminate all ignition sources if safe to do so.
P412 Do not expose to temperatures exceeding 80°C/176°F.

SECTION 16: OTHER INFORMATION

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