



MATERIAL SAFETY DATA SHEET

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SECTION 1. PRODUCT IDENTIFICATION

CATALOG #: **508095**
NAME: ANA (HEp-2 actin)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component
NOTE: P/N = Product Number
P/N 508095, HEp-2 (human epithelial cell) substrate slide fixed to demonstrate actin fibers, 6 wells

SECTION 3. HAZARDS IDENTIFICATION

Trace amounts of acetone are used on slides as a fixative, CAS#67-34-1, EINCS #200-662-2
Desiccant (Silica gel) CAS # 63231-67-4, EINECS # None
Human Source Material: Treat as potentially infectious.
Serum used in the preparation of this product has been tested by FDA approved methods and found non-reactive for the presence of Hepatitis B surface antigen (HBsAg), antibody to human immunodeficiency virus (HIV) and Hepatitis C virus (HCV). No known test method can offer complete assurance that Hepatitis B virus, HIV, HCV, or other infectious agents are absent. Handle these panel serums and all patient samples at Biosafety Level 2 as recommended in the Biosafety in Microbiological and Biomedical Laboratories, Centers for Disease Control and Prevention/National Institutes of Health, Fifth Edition, 2007.
Primary Health Hazards:
NOTE: Physical and health hazard information for this slide has not been determined. Any physical and health information noted is based on evaluation of data for pure ingredients and concentration of ingredients as packaged.
Target Organs: None identified.

SECTION 4. FIRST-AID MEASURES

Eye: Rinse immediately with plenty of clean running water for at least 20 minutes, separating the eyelid.
Skin Contact: Wash off thoroughly with plenty of clean running water. Remove and wash contaminated clothing.
Ingestion: Obtain medical attention.
Inhalation: Remove from exposure. If breathing is difficult, obtain medical attention if necessary.
IN CASE OF ACCIDENT OR IF YOU DO NOT FEEL WELL, IMMEDIATELY SEEK MEDICAL ADVICE.

SECTION 5. FIRE FIGHTING MEASURES

Non-flammable preparation.
Extinguishing media: Use media in adaption to materials stored in the immediate neighborhood, such as dry chemical.
Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
NFPA: HEALTH = 0, FLAMMABILITY = 0, REACTIVITY = 0

SECTION 6. ACCIDENTAL RELEASE MEASURES

After spillage: Wipe up spills with inert absorbent materials and place in a suitable container. Use personal protective equipment (PPE), such as gloves, safety glasses/goggles to prevent exposure.

SECTION 7. HANDLING AND STORAGE

Handling: Normal precautions for handling chemicals must be observed. Wash affected area after handling.
Storage: Keep containers tightly closed when not in use. Store in a dry, well ventilated storage area (2-8°C). Protect from physical damage. Store away from incompatible materials.



SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION -----

Respiratory protection: Good local ventilation.
Eye protection: Protective glasses.
Hand protection: One-way gloves (latex or nitrile).
Use protective lab coat.
Recommend the use of safety pipette device.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance:
Coverslip, solid glass
HEp-2 (human epithelial cell) substrate on solid glass microscope slide: color coded mint green
Odor: N/A
Boiling point: N/A
Melting point: N/A
Flash point: N/A
Ignition temperature: N/A
Explosion limits: N/A
Vapor pressure: N/A
Density: N/A
Viscosity: N/A
Solubility in water: Solutions are soluble

SECTION 10. ----- STABILITY AND REACTIVITY -----

Stability: Stable under ordinary conditions of use and storage.
Hazardous Polymerization: Will not occur.
Conditions and materials to avoid: N/A
Hazardous reactions: N/A
Hazardous decomposition products: N/A

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

The toxicological properties of this slide has not been fully investigated, data not available.
Teratogenicity: Data not available.
Reproductive effects: Data not available.
Neurotoxicity: Data not available.
Mutagenicity: Data not available.

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Data not available.

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Observe all Governmental environmental regulations for waste disposal. Chemical waste generators must determine if a discarded chemical is classified as a hazardous waste. Contact a licensed professional waste disposal service for disposal of unused product.
Remains of biological samples, reagents and controls should be collected in a suitable container for this purpose and autoclaved 1 hour at 121°C.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

SECTION 14. ----- TRANSPORT INFORMATION -----

Special requirements: None.

SECTION 15. ----- REGULATORY INFORMATION -----

According to 1999/45/EC Directive and 91/155/EEC Directive and following modifications.

OSHA Hazards:

No known OSHA hazards.

TSCA Status:

Not on TSCA Inventory.

Antibody, solid.

CAS-No. = None



DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

Antibody, solid

CAS-No. = None

SARA 302 Components:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

No SARA Hazards

Massachusetts Right To Know Components:

No Components Listed

Pennsylvania Right To Know Components:

No Components Listed

New Jersey Right To Know Components:

No Components Listed

California Prop. 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16. ----- OTHER INFORMATION -----

Each donor unit used in the preparation of this slide was tested by an approved method for the presence of the antibodies to HIV and HCV as well as for HBsAg and found to be negative. **WARNING:** Because no test method can offer complete assurance that HIV, HCV, HBsAg or other infectious agents are absent, the slide should be handled carefully using Universal Precautions.

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